

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-53861

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 10-34-6-21

9. API Well No.

43-047-38480

10. Field and Pool, or Exploratory

Horseshoe Bend

11. Sec., T., R., M., or Blk. and Survey or Area

NW/SE Lot #16 Sec. 34, T6S R21E

12. County or Parish

Utah

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NW/SE Lot #16 1707' FSL 1613' FEL 624384 X 40.253077

At proposed prod. zone

4456662Y -109.592473

14. Distance in miles and direction from nearest town or post office\*

Approximatley 22.1 miles southwest of Vernal, Utah

15. Distance from proposed\*

location to nearest

property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 933' f/lse, NA f/unit

16. No. of Acres in lease

341.51

17. Spacing Unit dedicated to this well

Approx. 40 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft.

NA

19. Proposed Depth

3,660'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

4746' GL

22. Approximate date work will start\*

4th Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)

Date

Mandie Crozier

8/11/06

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

BRADLEY G. HILL  
Office ENVIRONMENTAL MANAGER

08-17-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

RECEIVED  
AUG 15 2006  
DIV. OF OIL, GAS & MINING

**T6S, R21E, S.L.B.&M.**

**WELL LOCATION:  
WELL 10-34-6-21**

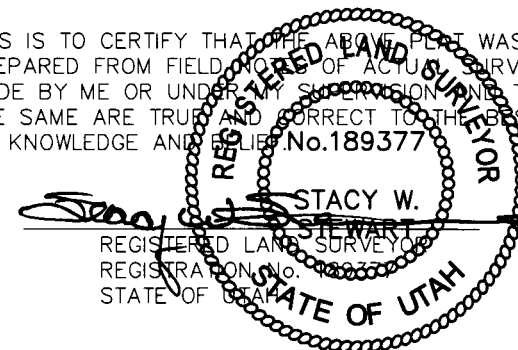
ELEV. UNGRADED GROUND = 4745.9'

**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, WELL 10-34-6-21,  
LOCATED AS SHOWN IN LOT 16 OF  
SECTION 34, T6S, R21E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 06-09-06	SURVEYED BY: C.M.
DATE DRAWN: 06-13-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

N0°26'W - 79.86 (G.L.O.)

N00°23'06"W  
1319.15' (Meas.)

N00°23'06"W  
1318.00' (Meas.)

1957  
Brass Cap

Pile of  
Stones

1953  
Brass Cap

39.83

S89°25'W G.L.O. (Basis of Bearings)  
2630.17' (Measured)

S89°25'W - 79.39 (G.L.O.)

Lot 13

**34**

Lot 16

1707'

Lot 17

1955  
Brass Cap

39.56

S89°25'00"W - 2612.47'  
(Meas. to True Corner)

**T10S**

**T11S**

1953  
Brass Cap  
(Witness Corner)

True  
Corner

N01°11'19"E - 2043.81'  
(Meas. to Meander Corner)

1953  
Brass Cap

Lot 9

Lot 14

Lot 15

Lot 18

N00°26'50"W - 2614.86'  
(Meas. to True Corner)

N01°11'19"E - 2699.22'  
(Meas. to True Corner)

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (VERNAL SE)

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #10-34-6-21  
NW/SE (LOT #16) SECTION 34, T6S, R21E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta                    0' – 3,660'  
Green River            3,660' +

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Uinta Formation (Gas)    3,070' – 3,660'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

**a. Casing Design: Federal 10-34-6-21**

SIZE	INTERVAL					DESIGN FACTORS		
	TOP	BTM	WT.	GR	CPLG	BURST	COLLAPSE	TENSION
*Surface Casing 8-5/8"	0	350	24		Csg Ratings:	2950	1370	263000
				K-55	STC	15.02	12.3	4.5
**Production Casing 5-1/2" Prod mode	0	3660	15.5	J55	LTC	Csg Ratings:	4810	4040
							3.72	3.13
Stim mode						2.86	3.13	2.03

Assumptions:

- 1) Surf. Csg max anticipated surface pressure (MASP) = Fracture Gradient - Gas Gradient (0.115pis/ft\*TVDshoe)
- 2) Surface Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)
- 3) Surface Casing Tension = Air weight of casing + 50,000# overpull
- 4) Production Casing MASP (production mode) = Pore Pressure - Gas Gradient \* TVDshoe)
- 4a) Prod csg MASP (stim mode) = Frac Gradient\*TVDshoe+Perf Friction+Pipe Friction - Hydr. Pressure
- 5) Production Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)
- 6) Production Casing Tension = Air weight of casing + 50,000# overpull

*Fracture Gradient at surface casing shoe =	13.00	Ppg
*Pore pressure at surface casing shoe =	8.33	Ppg
**Pore pressure at production casing shoe =	9.00	Ppg
**Fracture gradient at production casing shoe =	0.80	psi/ft
**Perforation Friction =	100.00	Psig
**Pipe Friction =	65.00	psi/1000ft
**Fracture treatment displacement fluid =	8.33	Ppg

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

**b. Cementing Design: Federal 10-34-6-21**

FT. OF FILL		DESCRIPTION	SACKS/FT <sup>3</sup>	EXCESS*	WEIGHT	YIELD
Surface csg	350	Class G w/ 2% BWOC CaCl + 1/4#/sx celloflake.	161 / 188	30%	15.8	1.17
Prod. Csg.	3660	*50/50 poz G w/ 2% gel, 3% KCL, 0.5% EC1, 1/4#/sx cello-flake or equivalent cement.	767 / 951	50%	14.4	1.24

\*Actual volume pumped will be 15% over caliper log

- 1) Compressive Strength of lcmt: 2500 psi @ 24 hrs

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The Company's Class III (3) 3M minimum specifications for pressure control equipment for a standard Uinta development well are as follows:

A 3000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and an annular preventer per **Exhibit C**.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Annular Preventer - The annular shall be rated to a minimum 3000 psi WP, if one set of pipe rams is installed, and shall be installed at the top of the stack. If a 3 ram preventer and 2 preventers equipped with pipe rams are used, a 3000 psi WP is acceptable. A valve rated to full annular WP shall be mounted on the closing side using XX heavy fittings.

Rams and Position - The lower cavity shall contain pipe rams (master ram) to fit the upper section of the drill pipe in use. Casing rams are not required. The upper cavity shall contain blind rams for a 3 ram stack. A means shall be available to mechanically lock the rams closed.

BOP Side Outlets - The choke and kill lines outlets shall be a minimum 2 inches nominal and can be either in the BOP body between the rams or in a spool placed between the rams. Two gate valves rated to full BOP WP shall be installed on both outlets. The outside choke line valve shall be hydraulically operated.

Choke and Kill Lines - The lines shall be a minimum 2 inches nominal, made of seamless steel, seamless steel with Chiksan™ joints, or armored fire resistant hose rated to required BOP WP. The choke line shall be as straight as possible, and securely anchored. All turns shall be 90 degrees and "targeted." When hoses are used, they shall have a rated test pressure of at least 1.5 times the required BOP WP.

Secondary Kill Outlet - One outlet located below the lower rams either on the BOP stack or on the wellhead shall be fitted with two valves, a needle valve with adapter and pressure gauge, all rated to wellhead WP or greater. This outlet is not to be used in normal operations.

Closing Methods - At least three means of operating all the preventers shall be provided, consisting of any combination of the following:

- a. An air and/or electrically operated hydraulic pump(s) capable of closing one ram preventer in 30 seconds.
- b. An accumulator capable of closing all preventers and opening the hydraulic choke line valve, without requiring a recharge.
- c. Manual method with closing handles and/or wheels to be located in an unobstructed area, away from the wellhead, or additional equipment per item "a" and item "b" to provide full redundancy to method.
- d. Bottled nitrogen or other back-up storage system to equal accumulator capacity, manifolded to by-pass the accumulator and close the BOP directly.

Hydraulic Closing Unit - The closing unit shall be equipped with:

- a. A control manifold with a control valve for each preventer and hydraulically operated valve; a regulator for the annular preventer; and interconnected steel piping. Each blowout preventer control valve should be turned to open position during drilling operations.
- b. Control lines to BOPs of seamless steel, seamless steel lines with Chiksan joints, or fire resistant steel armored hose.
- c. A remote control panel from which each preventer and hydraulic valve can be operated. If the remote panel becomes inoperable, it shall not interfere with the operation of the main closing unit.

Location - For land locations, the hydraulic closing unit shall be located in an unobstructed area outside the substructure at least 50 feet from the wellhead and the remote panel shall be located near the driller's position. For offshore installations, the location of the closing unit and remote panel shall be such that one is located near the driller position and the other is located away from the well area and is accessible from a logical evacuation route.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Connections - All components of the manifold shall be equipped with flanged, studded, clamped hub or equivalent proprietary connections (gauge connections exempted).

Flow Wings - Three flow wings shall be provided, capable of transmitting well returns through conduits that are a minimum 2 inches nominal. Two wings shall be equipped with chokes and one gate valve upstream of each choke; one gate valve ahead of the discharge manifold; and one valve downstream of each choke; at least one choke shall be adjustable. A gate valve shall be installed directly upstream of the cross if single valves are installed upstream of the chokes. One wing with one gate valve capable of transmitting well returns directly to the discharge manifold. The chokes, the valve(s) controlling the unchoked discharge wing, and all equipment upstream of these items shall be rated to required BOP WP.

Discharge Manifold - A discharge manifold (buffer tank), capable of diverting well returns overboard or to the blowdown/reserve pit; to the mud gas separator; and to the shaker tank is required. Lead-filled bull plugs (or equivalent erosion resistant components) shall be installed in the discharge manifold directly opposite the choked wings.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

Auxiliary Equipment - A kelly saver sub with casing protector larger than tool joints at top of drillstring (for kelly equipped rigs); a wear bushing or wear flange to protect the seal area of the wellhead while drilling; and a plug or cup type BOP test tool shall be provided.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to  $\pm 3000$  feet will be drilled with fresh water or an air/mist system, depending on the drilling contractor's preference. From approximately 3000 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with KCL or DAP polymer additive. This fresh water system

will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated maximum mud weight is 9.3 lbs/gal based on the offset 4-14 Government well (API 43047301550000). If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

None unless dictated by unanticipated well conditions.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

a. **Logging Program:**

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL/SONIC: TD - 2,500'

CBL: A cement bond log will be run from the surface casing shoe to surface and from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

b. **Cores:** As deemed necessary.

c. **Drill Stem Tests:** No DSTs are planned in the Uinta/Green River section. It is possible that DST's may be required in the Uinta Formation.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available ( i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.



If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

Possible abnormal temperatures and/or pressures are not anticipated in Uitna or Green River. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.45 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

**a. Drilling Activity**

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 4 days.
Completion Days:	Approximately 4 days.

**b. Notification of Operations**

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported

on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #10-34-6-21  
NW/SE (LOT#16) SECTION 34, T6S, R21E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #10-34-6-21 located in the NW 1/4 SE 1/4 Section 34, T6S, R21E, Uintah County, Utah:

Proceed southeasterly out of Vernal, Utah – 14.4 miles  $\pm$  to the junction with an existing road to the southwest; proceed southwesterly – 3.2 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly – 3.8 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly – 0.7 miles  $\pm$  to it's junction with an existing two track road; proceed along the two track road – 1,460'  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road – 1,700'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The following guidelines will apply if the well is productive:

- A dike will be constructed completely around those production facilities that contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted subsoil, be impervious, hold 110% of the capacity of the largest tank, and be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with approval from the AO to meet SPCC requirements. (The use of topsoil for the construction of dikes will not be allowed).
- All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors which are described by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. The required color for this facility as determined by the AO will be Carlsbad Canyon.

A description of the proposed pipelines are included. See to Topographic Map "C". Pipeline segments will be welded together on disturbed areas in or near the location (whenever possible), and dragged into place.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Water for drilling and completion purposes will be obtained from one of the following sources. Refer to Exhibit "E" for a copy of the Water Use Authorization.

Owner: Target Trucking  
2960 North 500 East  
Vernal, Utah 84078  
(435) 789-6850

Owner: AC/DC Fence and Roustabout Company  
PO Box 1493  
Roosevelt, Utah 84066  
(435) 722-7673

Fresh water may also be purchased by Newfield Production from the Johnson Water District and trucked to the proposed location for the purpose of drilling.

6. **SOURCE OF CONSTRUCTION MATERIALS**

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from the Company's privately owned source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

The reserve pit will be constructed on the location and will not be located within natural drainage ways, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

Annular disposal of the drilling fluids may be requested as a disposal option. An application for an individual annular disposal permit will be made prior to disposing of any fluids in this manner.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank, or removed and disposed of at an approved facility, for a period not to exceed 90 days. During the 90-day period, in accordance with Onshore Order # 7, an application for approval of a permanent disposal method and location will be submitted for the Authorized Officer's approval.

The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Specific APDs shall address any modifications from this policy.

Attachment 1 contains the EPA List of Nonexempt Exploration and Production Wastes.

8. **ANCILLARY FACILITIES**

**Surface gas lines:**

- No installation of surface gas lines will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.
- Where possible, surface gas lines shall be placed as close to existing oil field roads as possible without interfering with normal road travel or road maintenance activities. For lines that are installed cross-country (not along access roads), travel along the lines will be infrequent and for maintenance needs only. If surface disturbance occurs along the lines, the operator will reclaim the land to the satisfaction of the AO of the appropriate surface management agency.

All surface lines will be either black or brown in color.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

**a. Producing Location:**

Topsoil will be stripped from the location and places where it can most easily be recovered for interim reclamation. The topsoil shall be respread over the entire location to a depth of at least four to six inches as soon as completion operations have been finished and recontouring of fill slopes is complete. At this point the production equipment can be set. Topsoil will be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit will be stockpiled separately near the reserve pit. The areas of the location of the location not needed for production operation, including the reserve pits, shall be seeded.

Topsoil that will be stored more than one year before reclamation begins:

- will be windrowed, where possible, to a maximum depth of three (3) to four (4) feet near the margin of the well site;
- will be broadcast seeded with the seed mixture specified in the approved permit immediately after windrowing;

- will be “walked” with tracked heavy equipment to crimp the seeds into the soil.

Immediately upon well completion, the location and surrounding area will be cleared of trash and debris and all unused tubing and materials not required for production.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

If a synthetic, nylon-reinforced liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep. The AO will provide a seed mixture to revegetate the reserve pit and other unused disturbed areas at the time of the onsite.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to approximate the natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by the backfilling and crowning of the pit to prevent water from standing. Topsoil will be respread, and the pit area reseeded immediately following the respreading of the topsoil.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**b. Dry Hole/Abandoned Location:**

At the time of final abandonment, the intent of reclamation will be to return disturbed areas to near natural conditions in accordance with applicable federal and state laws, rules and regulations and agreements with private surface landowners. All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access roads to be performed within six (6) months, weather permitting, after final abandonment. The surface of disturbed areas will be recontoured to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance as compared to the surrounding terrain. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems, the reestablishment of appropriate soil conditions, and the reestablishment of vegetation as specified.

After recontouring of disturbed areas, any stockpiled topsoil will be spread over the surface, and the area reseeded immediately. The location and access roads will be revegetated to the satisfaction of the AO of the appropriate surface management agency and in accordance with any applicable agreements with private surface landowners. The seed mixture will be that provided at the time of the onsite or, the AO will be contacted at the time of reclamation for the appropriate seed mixture. Seed will be drilled on the contour to an appropriate depth. Reseeding operations will be performed immediately after completion of reclamation operations.

Dry mulch may be considered as one method to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw or hay must be certified “weed-free” and the certification documentation submitted to the AO prior to its application.

At final abandonment, the casing will be cut off at the base of the cellar or 3 feet below the final restored ground level, whichever is deeper. The Operator will cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey for this location will be forthcoming . The Paleontological Resource Survey for this location is attached. Paleontological Resource Survey prepared by, Wade E. Miller, 7/24/06. See attached report cover pages, Exhibit "D".

For the Federal #10-34-6-21 Newfield Production Company requests a 1,460' ROW be granted in Lease UTU-74499 and 1,700' of disturbed area be granted in Lease UTU-53861 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. **There will be a culvert required where the access road meets the location.** There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,700' of disturbed area be granted in Lease UTU-53861 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" gas gathering line and a buried 2" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure . The proposed pipeline will follow existing developed roads or existing two track roads. In the areas that two tracks are followed, crews will set up on existing well pads for welding and a dozer will drag pipe across. There will be no surface disturbance and there will not be any road upgrades. **Refer to Topographic Map "C."**

#### **Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it will be transported to a water disposal well in the Horseshoe Bend Area by company or contract trucks.

Water not meeting quality criteria, will be disposed of at State of Utah approved surface disposal facility.

#### **Threatened, Endangered, And Other Sensitive Species**

None for the proposed Federal 10-34-6-21.

#### **Reserve Pit Liner**

The reserve pit will be lined with a synthetic reinforced liner a minimum of 12-mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

#### **Details of the On-Site Inspection**

The proposed Federal #10-34-6-21 was on-sited on 6/15/06. The following were present; Shon McKinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon

McDonald (Bureau of Land Management). Conditions were clear and ground cover was 100 percent open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon McKinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

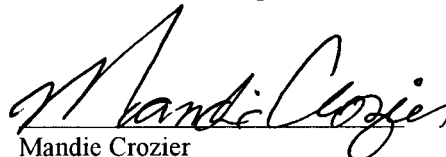
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-34-6-21 NW/SE Section 34, Township 6S, Range 21E: Lease UTU-53861 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/11/06

Date

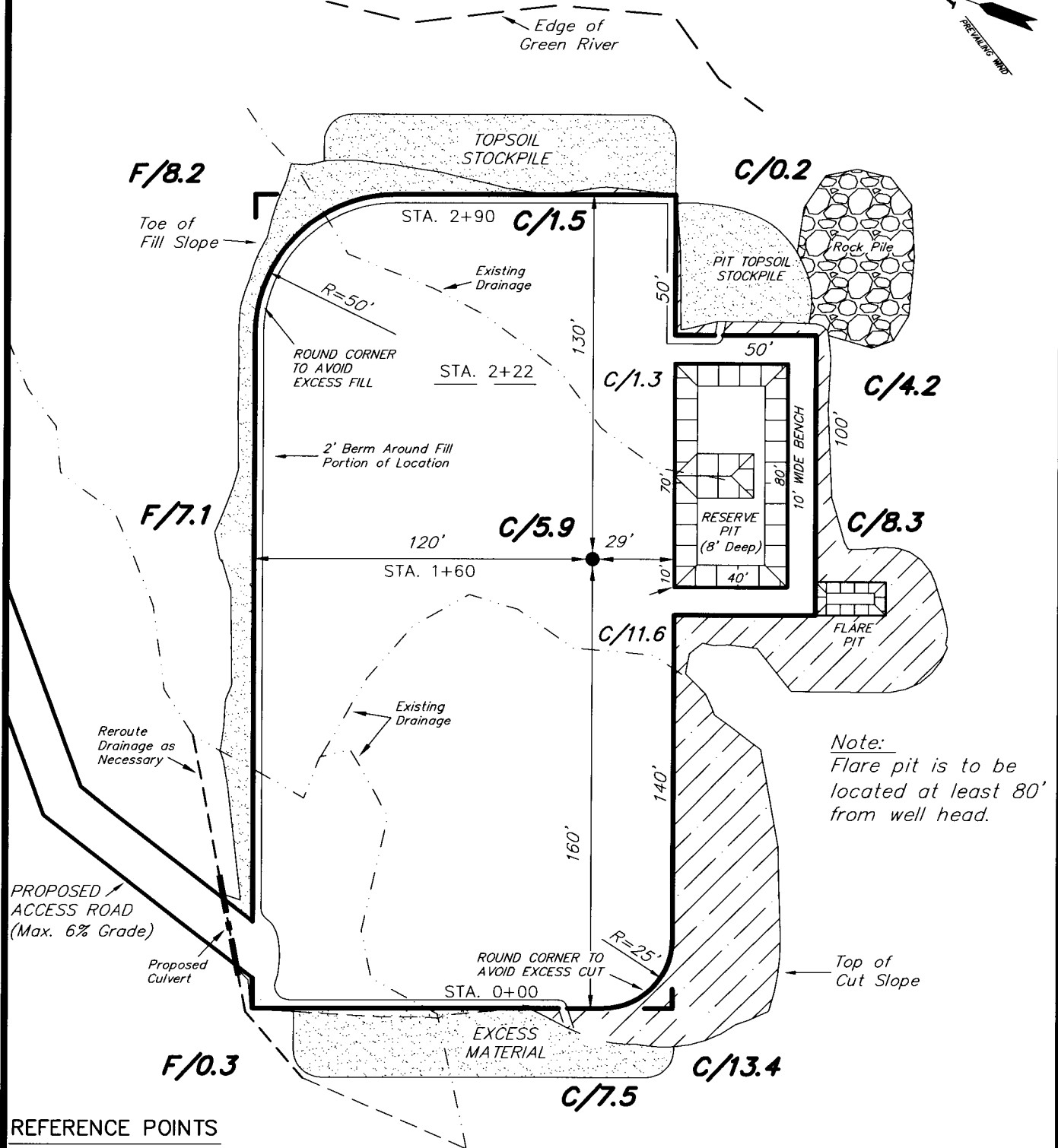
  
Mandie Crozier  
Regulatory Specialist



# NEWFIELD PRODUCTION COMPANY

WELL 10-34-6-21

Section 34, T6S, R21E, S.L.B.&M.



Note:  
Flare pit is to be located at least 80' from well head.

## REFERENCE POINTS

180' NORTHEASTERLY = 4735.8'  
170' NORTHWESTERLY = 4724.3'  
220' NORTHWESTERLY = 4731.6'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-13-06

**Tri State**  
Land Surveying, Inc.

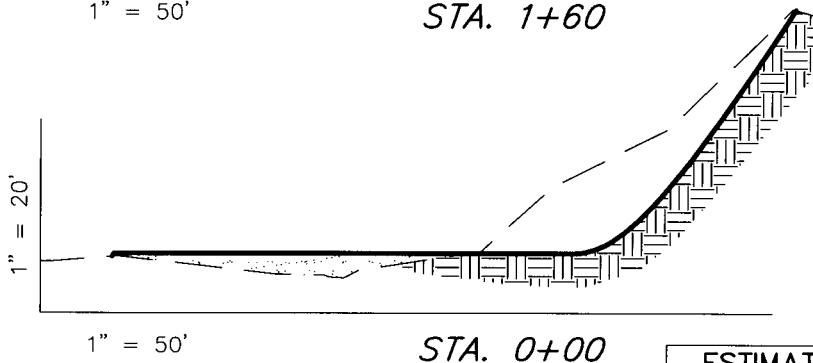
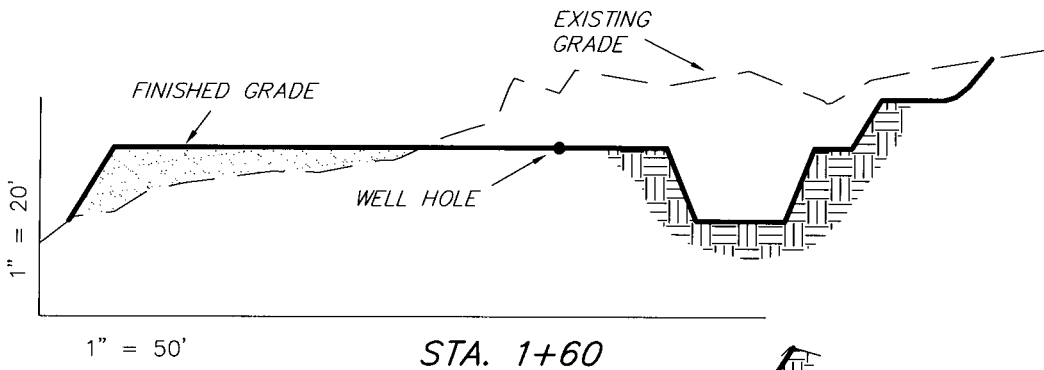
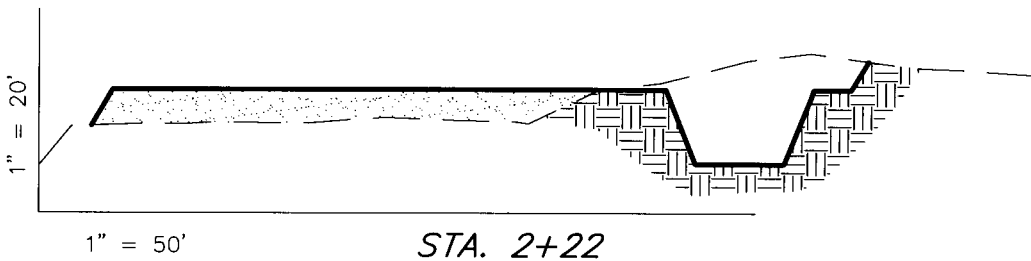
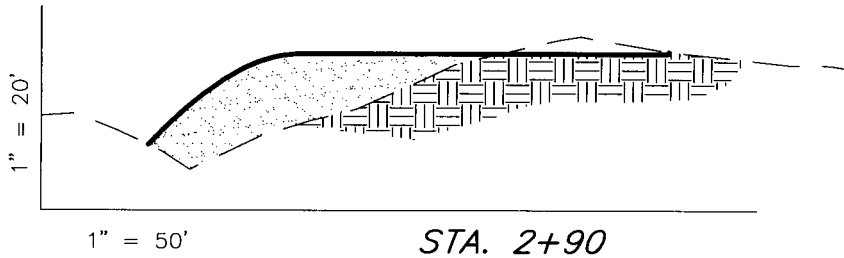
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### WELL 10-34-6-21



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	4,750	4,750	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	5,390	4,750	1,100	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

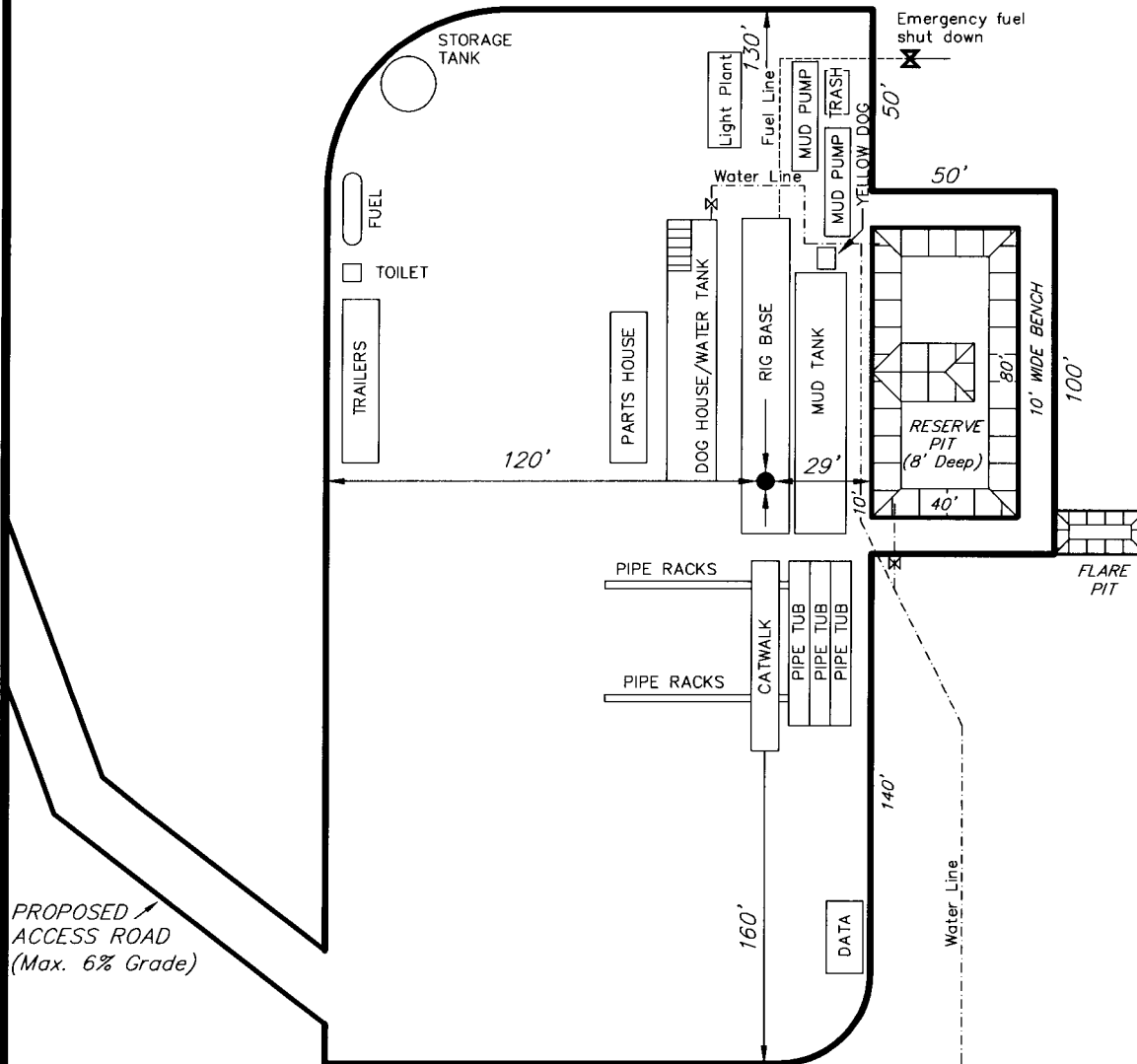
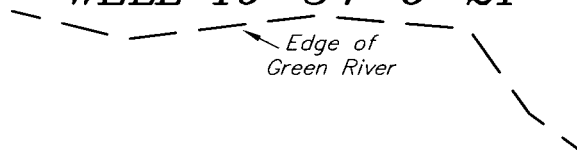
DATE: 06-13-06

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WELL 10-34-6-21



PROPOSED  
ACCESS ROAD  
(Max. 6% Grade)

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 06-13-06

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# Newfield Production Company Proposed Site Facility Diagram

Federal 10-34-6-21

NW/SE (Lot#16) Sec. 34, T6S, 21E

Uintah County, Utah

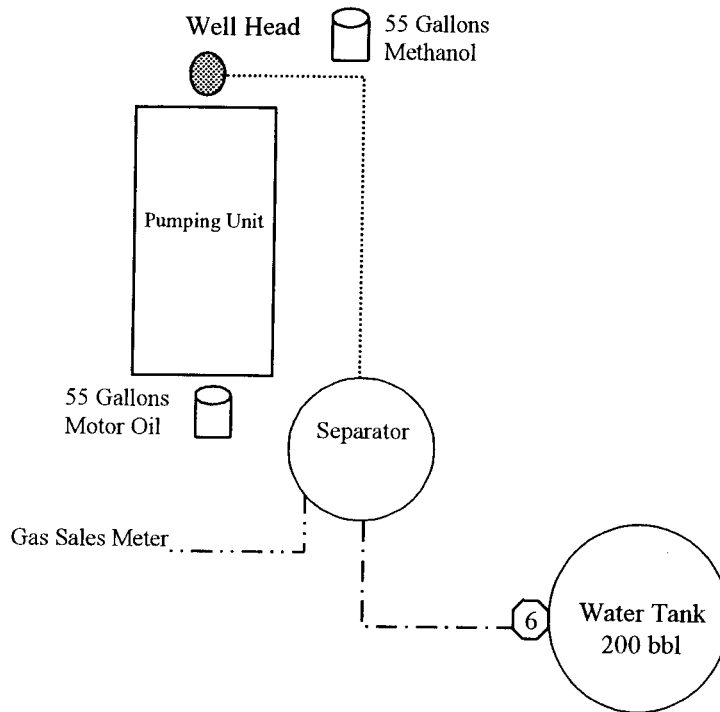
UTU-53861

## Legend

Emulsion Line .....

Water Line - - - - -

Gas Sales - - - - -

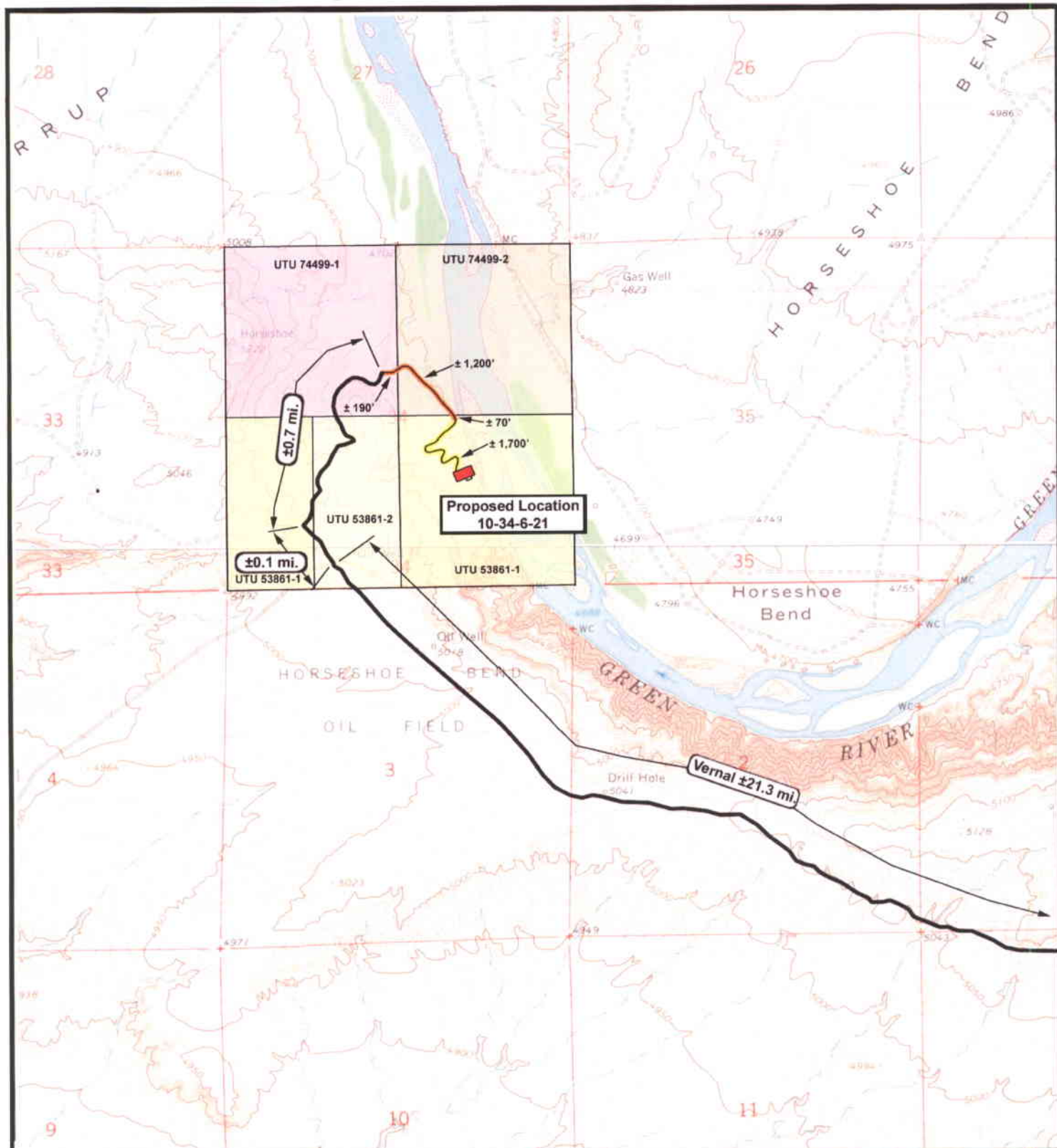


Diked Section











**NEWFIELD**  
Exploration Company

**10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-14-2006

**Legend**

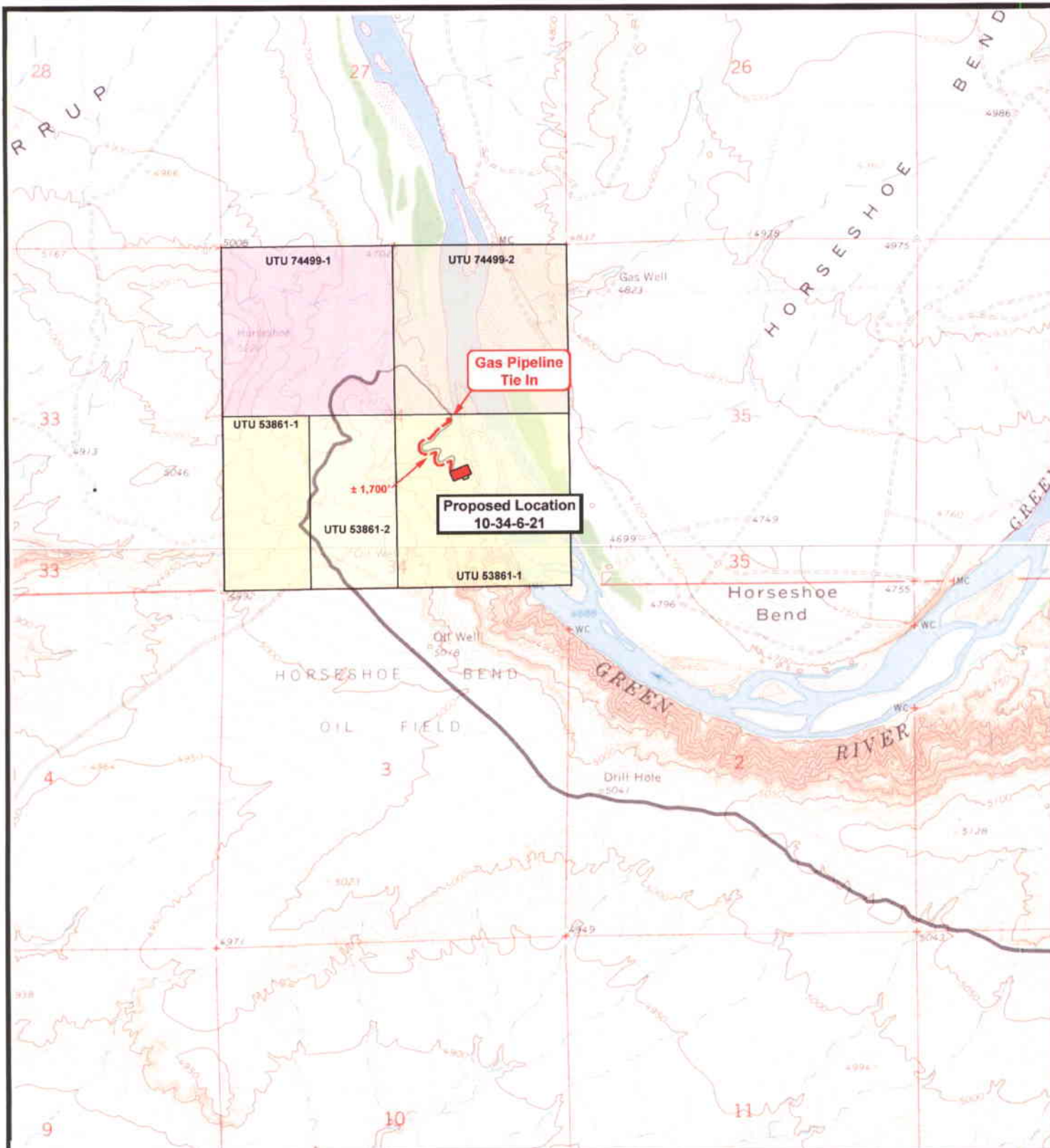
Existing Road

Proposed Access

Existing Two-Track

TOPOGRAPHIC MAP

**"B"**



**NEWFIELD**  
Exploration Company

**10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

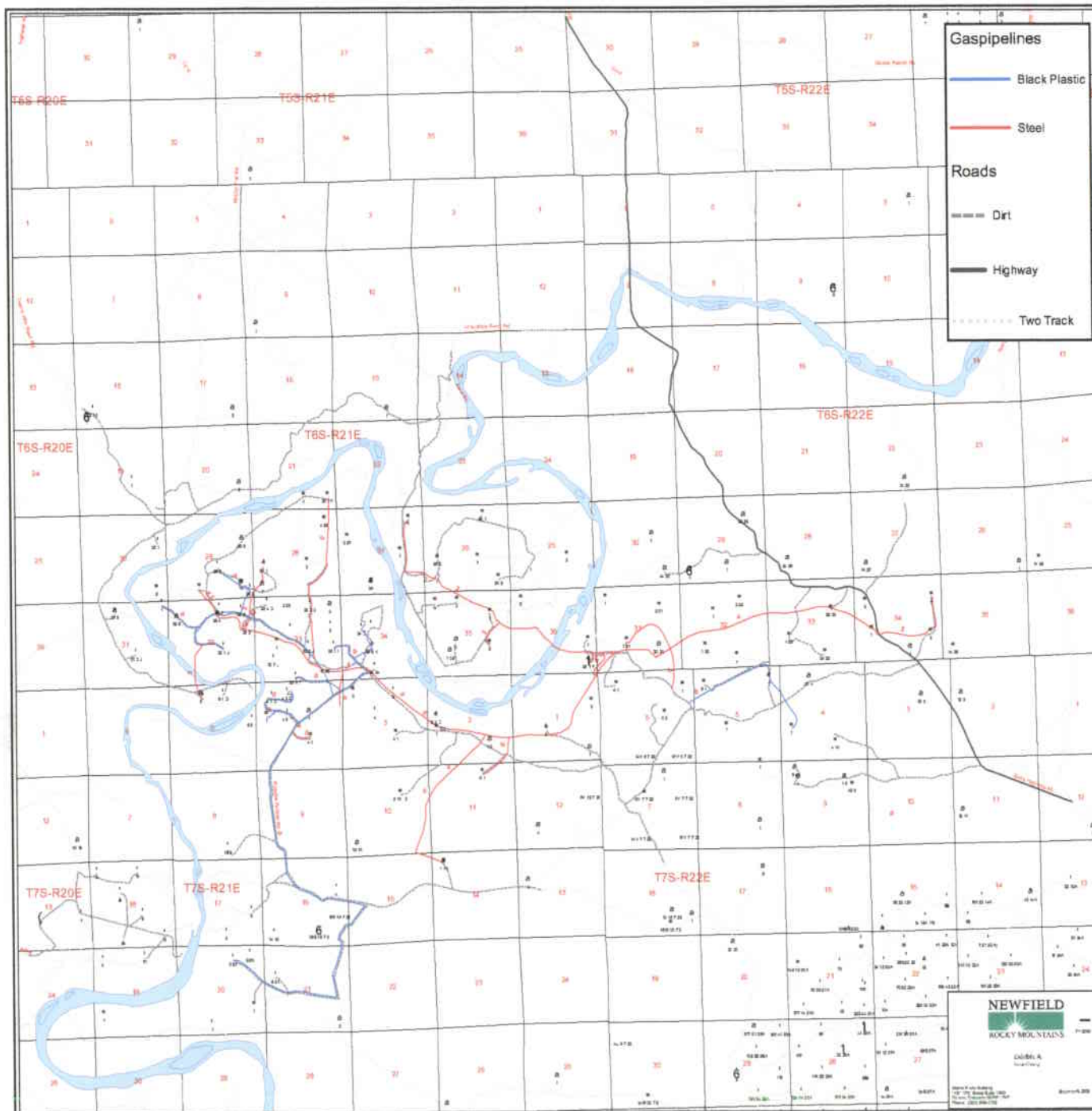
**SCALE: 1" = 2,000'**  
**DRAWN BY: mw**  
**DATE: 06-14-2006**

**Legend**

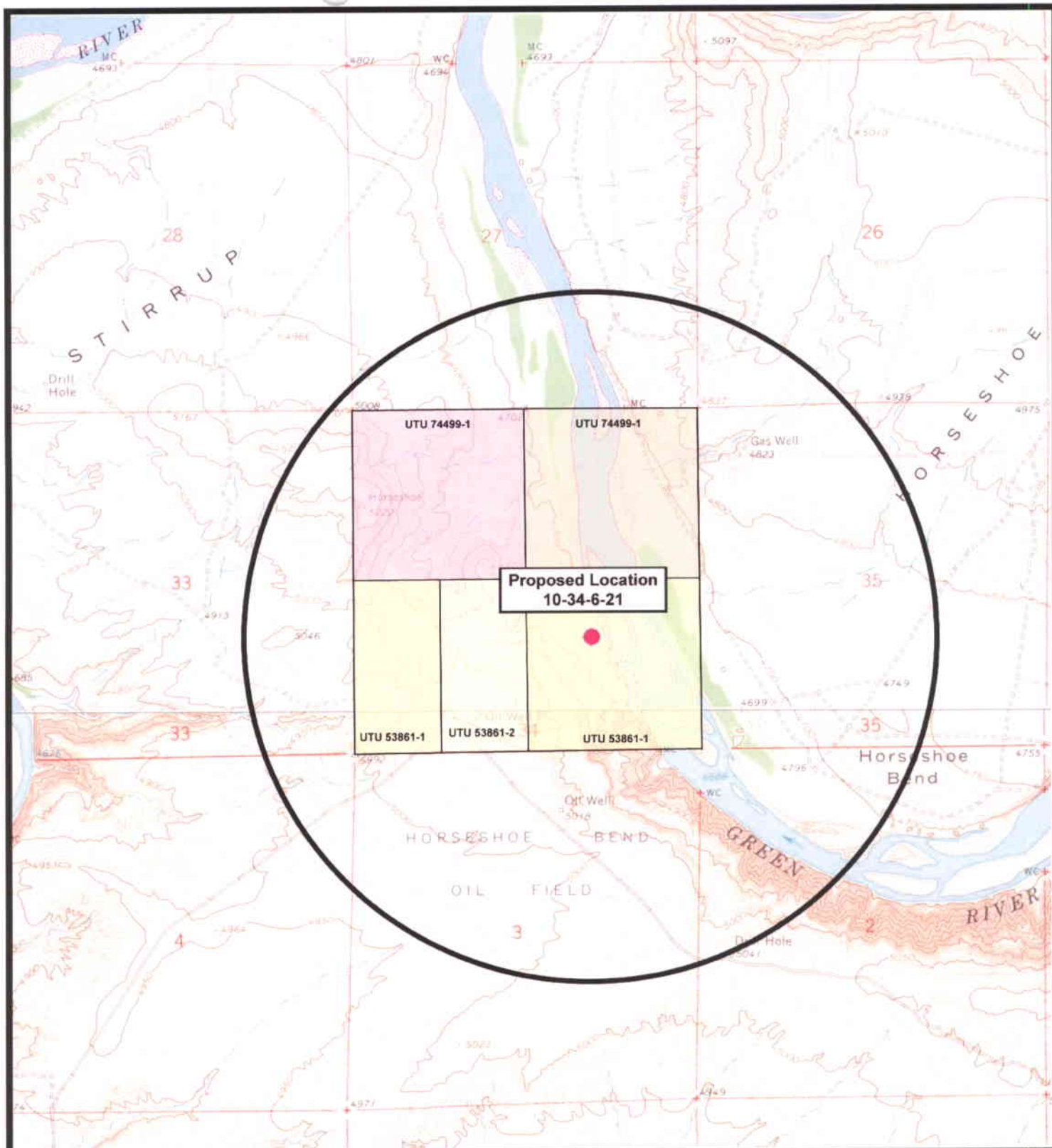
- Roads
- Proposed Gas Line

**TOPOGRAPHIC MAP**

**"C"**







**NEWFIELD**  
Exploration Company

**10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE:** 1" = 2,000'  
**DRAWN BY:** mw  
**DATE:** 06-14-2006

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

# 3-M SYSTEM Blowout Prevention Equipment Systems

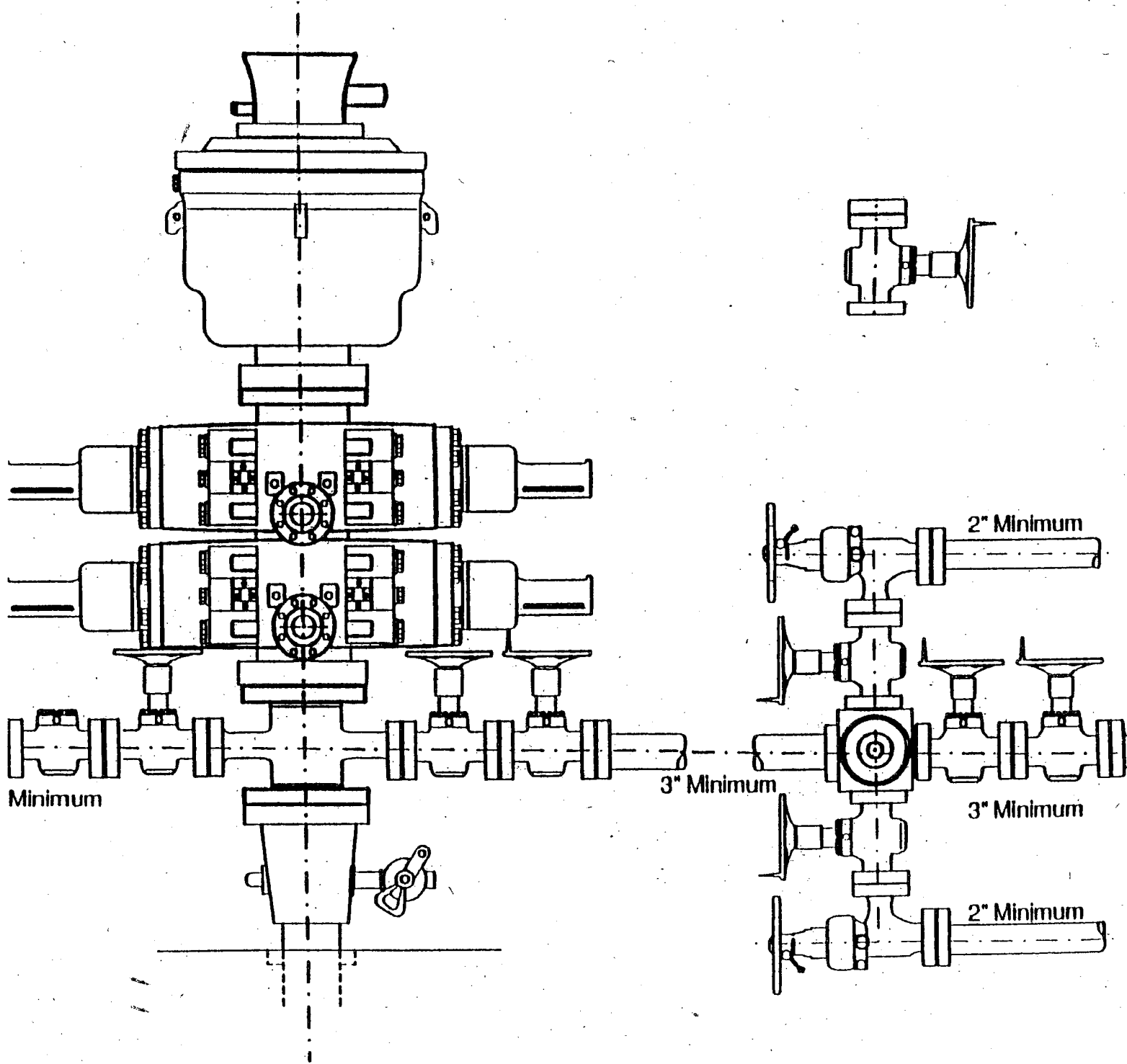


EXHIBIT C

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS, UTAH  
AND DUCHESNE COUNTIES, UTAH**

**(NE 1/4, NW 1/4, Section 21, and NW 1/4, SE 1/4, Section 34,  
T 6 S, R 21 E, Horseshoe Bend Area; NE 1/4 & SE 1/4, Section 19, T 8 S, R 17 E,  
NE 1/4 & NW 1/4, NE, and NE 1/4 & NW 1/4, NW 1/4, and SW 1/4, NW 1/4, and NW 1/4,  
SW 1/4, Section 20 T 8 S, R 17 E; NE 1/4, & NW 1/4, NE 1/4, and NE 1/4, & NW 1/4,  
NW 1/4, Section 21, T 8 S, R 17 E, Greater Boundary Unit)**

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

**Wade E. Miller  
Consulting Paleontologist  
July 24, 2006**



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Robert L. Morgan  
State Engineer

1594 West North Temple, Suite 220  
PO Box 146300  
Salt Lake City, Utah 84114-6300  
801-638-7240  
801-638-7467 (Fax)

August 11, 2000

Target Trucking 43-10988  
Dan McKee or R.C. Hacking  
3960 North 500 East  
Vernal, UT 84073

Dear Applicant:

RE: APPROVED APPLICATION  
NUMBER 43-10988 (F72511)

This is your authority to develop the water under the above referenced application which under Sections 73-3-10 and 73-3-12, Utah Code Annotated, 1953, as amended, must be diligently prosecuted to completion. The water must be put to beneficial use and proof of beneficial use be made to the State Engineer on or before August 31, 2003; otherwise, the application will be lapsed.

Proof of beneficial use is evidence to the State Engineer that the water has been placed to its full intended beneficial use. By law, it must be prepared by a registered engineer or land surveyor, who will certify to the location and the uses for the water. Your proof of beneficial use will become the basis for the extent of your water right.

Failure on your part to comply with the requirements of the statutes may result in forfeiture of this application. It is the applicant's obligation to maintain a current address with this office. Please notify this office immediately of any change.

Also enclosed are two post cards. You must give the Driller (Start) Card to the licensed driller with whom you contract to construct the well(s). The other card is the Applicant Card which is your responsibility to sign and return to this office immediately after final completion of the well. CAUTION: There may be local health department requirements for the actual siting of your well. Please check with the proper local authority before construction begins.

Your contact with this office, should you need it, is with the Vernal Regional Office. The telephone number is (435) 781-5327.

Sincerely,

Robert L. Morgan, P.E.  
State Engineer

RLM:et

Encl.: Memorandum Decision

Resolution No. 05- 05 - 209  
Uintah and Ouray Agency  
Fort Duchesne, UT

**WHEREAS,** The Ute Tribal Business Committee, has the right to approve or veto any sale, disposition, lease or encumbrance of Tribal Lands, interest in Tribal lands or other Tribal assets, which may be authorized or executed by officials or Agency of the Government, provides that no Tribal lands shall ever be encumbered or sold, except leases for mining purposes or on which title may be made for such longer periods as may be authorized by law;

**WHEREAS,** Energy producers Reservation wide have a need for industrial water to drill oil and gas wells; and

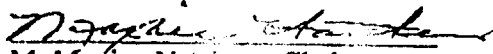
**WHEREAS,** AC/DC Fence and Roustabout Company proposes to pump water out and to build French drains, if needed, from Reservation wide to supply industrial water to the energy producers for the purpose of drilling oil and gas wells; and

**WHEREAS,** Energy producers within the boundaries of the U & O reservation; have a need for industrial water to drill oil and gas wells. Also, to build French drains, as needed; and

**WHEREAS,** AC/DC Fencing and Roustabout Company, proposes to pay the Ute Indian Tribe a reasonable market value of five (.5) cents for each barrel of water sold to energy producers through their company, and twenty-five (.25) cents to AC/DC for a total of thirty cents per barrel,

**NOW, THEREFORE, BE IT RESOLVED BY THE TRIBAL BUSINESS COMMITTEE OF THE UTE INDIAN TRIBE OF THE UINTAH AND OURAY RESERVATION, UTAH,** in order to promote independent business among tribal members, and to foster the economic welfare of tribal members and to develop if needed Group VI water rights of the Ute Indian Tribe, the Ute Indian Tribe hereby grants authority to AC/DC Fence and Roustabout Company to develop resources Reservation wide for the purpose of energy development.

**BE IT FURTHER RESOLVED,** that AC/DC Fence and Roustabout pay a reasonable market value for all water sold through their company for a period of two (2) year.

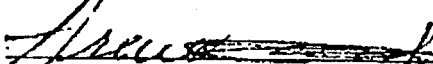
  
M. Maxine Natchees, Chairman

ABSENT

  
T. Smiley Arrowchis, Vice-Chairman

  
Frances Poowegup, Member

  
Ronald A. Groves, Member

  
Irene Cuch, Member

  
Richard Jenks Jr., Member

# CERTIFICATION

I hereby certify that the following Resolution was adopted by the Tribal Business Committee of the Ute Indian Tribe of the Uintah and Ouray Reservation, Utah, at a duly called meeting at Fort P. on the 13 day of July, 2005, at which time a quorum was present and 0 FOR, 0 AGAINST, 0 ABSTAINING, and 1 ABSENT.

*[Signature]*  
Secretary of the Tribal Business C

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/15/2006

API NO. ASSIGNED: 43-047-38480

WELL NAME: FEDERAL 10-34-6-21

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

NWSE 34 060S 210E

SURFACE: 1707 FSL 1613 FEL

BOTTOM: 1707 FSL 1613 FEL

COUNTY: UTAH

LATITUDE: 40.25308 LONGITUDE: -109.5375

UTM SURF EASTINGS: 624384 NORTHINGS: 4456662

FIELD NAME: HORSESHOE BEND ( 620 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-53861

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: UNTA

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

\_\_\_\_ R649-2-3.  
Unit: \_\_\_\_\_  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 145.8  
Eff Date: 4-14-1985  
Siting: 500' fr boundary of 1/4 1/4 Section  
\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1- Federal Approval







**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 17, 2006

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

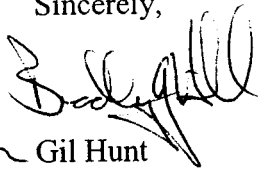
Re: Federal 10-34-6-21 Well, 1707' FSL, 1613' FEL, NW SE, Sec. 34, T. 6 South,  
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38480.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Newfield Production Company  
**Well Name & Number** Federal 10-34-6-21  
**API Number:** 43-047-38480  
**Lease:** UTU-53861

**Location:** NW SE                      **Sec.** 34                      **T.** 6 South                      **R.** 21 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

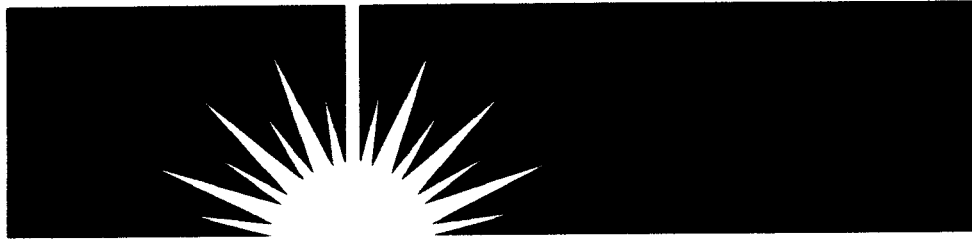
**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

43-047-38480  
34 6s 21e

# NEWFIELD



March 9, 2007

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Amended Application for Permit to Drill, Federal #10-34-6-21

Dear Diana:

Enclosed find the amended Form 3160-3 and plats for the Federal #10-34-6-21. Since submission the proposed location was moved. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

enclosures

RECEIVED  
MAR 12 2007  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

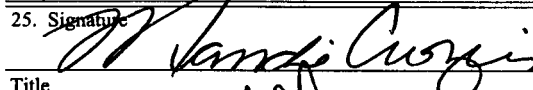
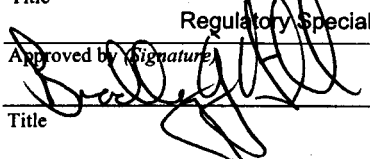
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. <b>UTU-53861</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator <b>Newfield Production Company</b>			7. If Unit or CA Agreement, Name and No. N/A
3a. Address <b>Route #3 Box 3630, Myton UT 84052</b>		3b. Phone No. (include area code) <b>(435) 646-3721</b>	8. Lease Name and Well No. <b>Federal 10-34-6-21</b>
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE Lot #16 1962' FSL 2030' FEL <b>624255K 40.253761</b> At proposed prod. zone <b>4456736Y -109.538973</b>			9. API Well No. <b>43-047-38450</b>
14. Distance in miles and direction from nearest town or post office* <b>Approximatley 23.5 miles southwest of Vernal, Utah</b>			10. Field and Pool, or Exploratory <b>Horseshoe Bend</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 610' f/lse, NA f/unit <b>NA</b>		16. No. of Acres in lease <b>341.51</b>	11. Sec., T., R., M., or Blk. and Survey or Area <b>NW/SE Lot #16 Sec. 34, T6S R21E</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>NA</b>		19. Proposed Depth <b>3,660'</b>	12. County or Parish <b>Uintah</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>4753' GL</b>		20. BLM/BIA Bond No. on file <b>UTB000192</b>	13. State <b>UT</b>
22. Approximate date work will start* <b>3rd Quarter 2007</b>		17. Spacing Unit dedicated to this well <b>Approx. 40 Acres</b>	
23. Estimated duration <b>Approximately seven (7) days from spud to rig release.</b>			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) <b>Mandie Crozier</b>	Date <b>3/9/07</b>
Title <b>Regulatory Specialist</b>		
Approved by (Signature) 	Name (Printed/Typed) <b>BRADLEY G. HILL</b>	Date <b>03-13-07</b>
Title <b>Off ENVIRONMENTAL MANAGER</b>		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

COPY SENT TO OPERATOR  
DATE: 3-13-07  
TIME: 4 PM

RECEIVED

MAR 12 2007

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #10-34-6-21  
NW/SE (LOT #16) SECTION 34, T6S, R21E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta                    0' – 3,660'  
Green River            3,660' +

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Uinta Formation (Gas)    3,070' – 3,660'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

#### 4. PROPOSED CASING PROGRAM

##### a. Casing Design: Federal 10-34-6-21

SIZE	INTERVAL					DESIGN FACTORS		
	TOP	BTM.	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
*Surface Casing 8-5/8"	0	350	24		Csg Ratings:	2950	1370	263000
				K-55	STC	15.02	12.3	4.5
**Production Casing 5-1/2" Prod mode	0	3660	15.5	J55	Csg Ratings:	4810	4040	217000
						3.72	3.13	2.03
Stim mode	0	3660	15.5	J55	LTC	2.86	3.13	2.03

Assumptions:

- 1) Surf. Csg max anticipated surface pressure (MASP) = Fracture Gradient - Gas Gradient (0.115pis/ft\*TVDshoe)
- 2) Surface Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)
- 3) Surface Casing Tension = Air weight of casing + 50,000# overpull
- 4) Production Casing MASP (production mode) = Pore Pressure - Gas Gradient \* TVDshoe)
- 4a) Prod csg MASP (stim mode) = Frac Gradient\*TVDshoe+Perf Friction+Pipe Friction - Hydr. Pressure
- 5) Production Casing Collapse = Fully evacuated casing = Pore Pressure - Gas Gradient (0.115pis/ft\*TVDshoe)
- 6) Production Casing Tension = Air weight of casing + 50,000# overpull

*Fracture Gradient at surface casing shoe =	13.00	Ppg
*Pore pressure at surface casing shoe =	8.33	Ppg
**Pore pressure at production casing shoe =	9.00	Ppg
**Fracture gradient at production casing shoe =	0.80	psi/ft
**Perforation Friction =	100.00	Psig
**Pipe Friction =	65.00	psi/1000ft
**Fracture treatment displacement fluid =	8.33	Ppg

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

##### b. Cementing Design: Federal 10-34-6-21

FT. OF FILL		DESCRIPTION	SACKS/FT^3	EXCESS*	WEIGHT	YIELD
Surface csg	350	Class G w/ 2% BWOC CaCl + 1/4#/sx celloflake.	161 / 188	30%	15.8	1.17
Prod. Csg.	3660	*50/50 poz G w/ 2% gel, 3% KCL, 0.5% EC1, 1/4#/sx cello-flake or equivalent cement.	767 / 951	50%	14.4	1.24

\*Actual volume pumped will be 15% over caliper log

- 1) Compressive Strength of lcmt: 2500 psi @ 24 hrs

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The Company's Class III (3) 3M minimum specifications for pressure control equipment for a standard Uinta development well are as follows:

A 3000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and an annular preventer per **Exhibit C**.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Annular Preventer - The annular shall be rated to a minimum 3000 psi WP, if one set of pipe rams is installed, and shall be installed at the top of the stack. If a 3 ram preventer and 2 preventers equipped with pipe rams are used, a 3000 psi WP is acceptable. A valve rated to full annular WP shall be mounted on the closing side using XX heavy fittings.

**Rams and Position** - The lower cavity shall contain pipe rams (master ram) to fit the upper section of the drill pipe in use. Casing rams are not required. The upper cavity shall contain blind rams for a 3 ram stack. A means shall be available to mechanically lock the rams closed.

**BOP Side Outlets** - The choke and kill lines outlets shall be a minimum 2 inches nominal and can be either in the BOP body between the rams or in a spool placed between the rams. Two gate valves rated to full BOP WP shall be installed on both outlets. The outside choke line valve shall be hydraulically operated.

**Choke and Kill Lines** - The lines shall be a minimum 2 inches nominal, made of seamless steel, seamless steel with Chiksan™ joints, or armored fire resistant hose rated to required BOP WP. The choke line shall be as straight as possible, and securely anchored. All turns shall be 90 degrees and "targeted." When hoses are used, they shall have a rated test pressure of at least 1.5 times the required BOP WP.

**Secondary Kill Outlet** - One outlet located below the lower rams either on the BOP stack or on the wellhead shall be fitted with two valves, a needle valve with adapter and pressure gauge, all rated to wellhead WP or greater. This outlet is not to be used in normal operations.

**Closing Methods** - At least three means of operating all the preventers shall be provided, consisting of any combination of the following:

- a. An air and/or electrically operated hydraulic pump(s) capable of closing one ram preventer in 30 seconds.
- b. An accumulator capable of closing all preventers and opening the hydraulic choke line valve, without requiring a recharge.
- c. Manual method with closing handles and/or wheels to be located in an unobstructed area, away from the wellhead, or additional equipment per item "a" and item "b" to provide full redundancy to method.
- d. Bottled nitrogen or other back-up storage system to equal accumulator capacity, manifolded to by-pass the accumulator and close the BOP directly.

**Hydraulic Closing Unit** - The closing unit shall be equipped with:

- a. A control manifold with a control valve for each preventer and hydraulically operated valve; a regulator for the annular preventer; and interconnected steel piping. Each blowout preventer control valve should be turned to open position during drilling operations.
- b. Control lines to BOPs of seamless steel, seamless steel lines with Chiksan joints, or fire resistant steel armored hose.
- c. A remote control panel from which each preventer and hydraulic valve can be operated. If the remote panel becomes inoperable, it shall not interfere with the operation of the main closing unit.

**Location** - For land locations, the hydraulic closing unit shall be located in an unobstructed area outside the substructure at least 50 feet from the wellhead and the remote panel shall be located near the driller's position. For offshore installations, the location of the closing unit and remote panel shall be such that one is located near the driller position and the other is located away from the well area and is accessible from a logical evacuation route.



**Choke Manifold** - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

**Connections** - All components of the manifold shall be equipped with flanged, studded, clamped hub or equivalent proprietary connections (gauge connections exempted).

**Flow Wings** - Three flow wings shall be provided, capable of transmitting well returns through conduits that are a minimum 2 inches nominal. Two wings shall be equipped with chokes and one gate valve upstream of each choke; one gate valve ahead of the discharge manifold; and one valve downstream of each choke; at least one choke shall be adjustable. A gate valve shall be installed directly upstream of the cross if single valves are installed upstream of the chokes. One wing with one gate valve capable of transmitting well returns directly to the discharge manifold. The chokes, the valve(s) controlling the unchoked discharge wing, and all equipment upstream of these items shall be rated to required BOP WP.

**Discharge Manifold** - A discharge manifold (buffer tank), capable of diverting well returns overboard or to the blowdown/reserve pit; to the mud gas separator; and to the shaker tank is required. Lead-filled bull plugs (or equivalent erosion resistant components) shall be installed in the discharge manifold directly opposite the choked wings.

**Pressure Monitoring** - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

**Drillstring Control Devices** - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

**Auxiliary Equipment** - A kelly saver sub with casing protector larger than tool joints at top of drillstring (for kelly equipped rigs); a wear bushing or wear flange to protect the seal area of the wellhead while drilling; and a plug or cup type BOP test tool shall be provided.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2 regarding air or gas shall be adhered to. If a mist system is being utilized, the requirement for a deduster shall be waived.

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to  $\pm 3000$  feet will be drilled with fresh water or an air/mist system, depending on the drilling contractor's preference. From approximately 3000 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with KCL or DAP polymer additive. This fresh water system

will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated maximum mud weight is 9.3 lbs/gal based on the offset 4-14 Government well (API 43047301550000). If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

None unless dictated by unanticipated well conditions.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

- a. **Logging Program:**  
(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DIL/SONIC: TD - 2,500'

CBL: A cement bond log will be run from the surface casing shoe to surface and from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

- b. **Cores:** As deemed necessary.

- c. **Drill Stem Tests:** No DSTs are planned in the Uinta/Green River section. It is possible that DST's may be required in the Uinta Formation.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available ( i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

Possible abnormal temperatures and/or pressures are not anticipated in Uitna or Green River. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will be approximately equal total depth in feet multiplied by a 0.45 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

a. **Drilling Activity**

Anticipated Commencement Date:	Upon approval of the site specific APD.
Drilling Days:	Approximately 4 days.
Completion Days:	Approximately 4 days.

b. **Notification of Operations**

The Vernal BLM office will be notified at least 24 hours prior to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

**Immediate Report:** Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported

on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.

**NEWFIELD PRODUCTION COMPANY  
FEDERAL #10-34-6-21  
NW/SE (LOT#16) SECTION 34, T6S, R21E  
UINTAH COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #10-34-6-21 located in the NW 1/4 SE 1/4 Section 34, T6S, R21E, Uintah County, Utah:

Proceed southeasterly out of Vernal, Utah – 14.4 miles  $\pm$  to the junction with an existing road to the southwest; proceed southwesterly – 4.2 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly – 3.8 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly – 0.7 miles  $\pm$  to it's junction with an existing two track road; proceed along the two track road – 1,200'  $\pm$  to it's junction with the beginning of the proposed access road; proceed along the proposed access road – 1,120'  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The following guidelines will apply if the well is productive:

- A dike will be constructed completely around those production facilities that contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted subsoil, be impervious, hold 110% of the capacity of the largest tank, and be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with approval from the AO to meet SPCC requirements. (The use of topsoil for the construction of dikes will not be allowed).
- All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors which are described by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. The required color for this facility as determined by the AO will be Carlsbad Canyon.

A description of the proposed pipelines are included. See to Topographic Map "C". Pipeline segments will be welded together on disturbed areas in or near the location (whenever possible), and dragged into place.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Water for drilling and completion purposes will be obtained from one of the following sources. Refer to Exhibit "E" for a copy of the Water Use Authorization.

Permit #: 43-9077  
William E. Brown  
Sec. 32, T6S R20E

Permit #: 43-10447  
Kenneth Joe Batty  
Sec. 9, T8S R20E

Fresh water may also be purchased by Newfield Production from the Johnson Water District and trucked to the proposed location for the purpose of drilling.

6. **SOURCE OF CONSTRUCTION MATERIALS**

Surface and subsoil materials in the immediate area will be utilized. Any gravel will be obtained from the Company's privately owned source. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

The reserve pit will be constructed on the location and will not be located within natural drainage ways, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

Annular disposal of the drilling fluids may be requested as a disposal option. An application for an individual annular disposal permit will be made prior to disposing of any fluids in this manner.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank, or removed and disposed of at an approved facility, for a period not to exceed 90 days. During the 90-day period, in accordance with Onshore Order # 7, an application for approval of a permanent disposal method and location will be submitted for the Authorized Officer's approval.

The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the Horseshoe Bend Field. Specific APDs shall address any modifications from this policy.

Attachment 1 contains the EPA List of Nonexempt Exploration and Production Wastes.

8. **ANCILLARY FACILITIES**

**Surface gas lines:**

- No installation of surface gas lines will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.
- Where possible, surface gas lines shall be placed as close to existing oil field roads as possible without interfering with normal road travel or road maintenance activities. For lines that are installed cross-country (not along access roads), travel along the lines will be infrequent and for maintenance needs only. If surface disturbance occurs along the lines, the operator will reclaim the land to the satisfaction of the AO of the appropriate surface management agency.

All surface lines will be either black or brown in color.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

**a. Producing Location:**

Topsoil will be stripped from the location and places where it can most easily be recovered for interim reclamation. The topsoil shall be respread over the entire location to a depth of at least four to six inches as soon as completion operations have been finished and recontouring of fill slopes is complete. At this point the production equipment can be set. Topsoil will be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit will be stockpiled separately near the reserve pit. The areas of the location of the location not needed for production operation, including the reserve pits, shall be seeded.

Topsoil that will be stored more than one year before reclamation begins:

- will be windrowed, where possible, to a maximum depth of three (3) to four (4) feet near the margin of the well site;
- will be broadcast seeded with the seed mixture specified in the approved permit immediately after windrowing;
- will be "walked" with tracked heavy equipment to crimp the seeds into the soil.

Immediately upon well completion, the location and surrounding area will be cleared of trash and debris and all unused tubing and materials not required for production.

Before any dirt work associated with location restoration takes place, the reserve pit shall be

as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

If a synthetic, nylon-reinforced liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep. The AO will provide a seed mixture to revegetate the reserve pit and other unused disturbed areas at the time of the onsite.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to approximate the natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by the backfilling and crowning of the pit to prevent water from standing. Topsoil will be respread, and the pit area reseeded immediately following the respreading of the topsoil.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**b. Dry Hole/Abandoned Location:**

At the time of final abandonment, the intent of reclamation will be to return disturbed areas to near natural conditions in accordance with applicable federal and state laws, rules and regulations and agreements with private surface landowners. All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access roads to be performed within six (6) months, weather permitting, after final abandonment. The surface of disturbed areas will be recontoured to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance as compared to the surrounding terrain. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems, the reestablishment of appropriate soil conditions, and the reestablishment of vegetation as specified.

After recontouring of disturbed areas, any stockpiled topsoil will be spread over the surface, and the area reseeded immediately. The location and access roads will be revegetated to the satisfaction of the AO of the appropriate surface management agency and in accordance with any applicable agreements with private surface landowners. The seed mixture will be that provided at the time of the onsite or, the AO will be contacted at the time of reclamation for the appropriate seed mixture. Seed will be drilled on the contour to an appropriate depth. Reseeding operations will be performed immediately after completion of reclamation operations.

Dry mulch may be considered as one method to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw or hay must be certified "weed-free" and the certification documentation submitted to the AO prior to its application.

At final abandonment, the casing will be cut off at the base of the cellar or 3 feet below the final restored ground level, whichever is deeper. The Operator will cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole.

**11. SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).**



**12. OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #06-382, 8/19/06. Paleontological Resource Survey prepared by, Wade E. Miller, 7/24/06. See attached report cover pages, Exhibit "D".

For the Federal #10-34-6-21 Newfield Production Company requests a 1,390' ROW be granted in Lease UTU-74499 and 1,120' of disturbed area be granted in Lease UTU-53861 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. **There will be a culvert required where the access road meets the location.** There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,050' of disturbed area be granted in Lease UTU-53861 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. The proposed pipeline will follow existing developed roads or existing two track roads. In the areas that two tracks are followed, crews will set up on existing well pads for welding and a dozer will drag pipe across. There will be no surface disturbance and there will not be any road upgrades. **Refer to Topographic Map "C."**

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it will be transported to a water disposal well in the Horseshoe Bend Area by company or contract trucks.

Water not meeting quality criteria, will be disposed of at State of Utah approved surface disposal facility.

**Threatened, Endangered, And Other Sensitive Species**

None for the proposed Federal 10-34-6-21.

**Reserve Pit Liner**

The reserve pit will be lined with a synthetic reinforced liner a minimum of 12-mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

**Details of the On-Site Inspection**

The proposed Federal #10-34-6-21 was on-sited on 6/15/06. The following were present; Shon McKinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Conditions were clear and ground cover was 100 percent open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

Name: Dave Allred  
Address: Route #3 Box 3630

Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #10-34-6-21 NW/SE Section 34, Township 6S, Range 21E: Lease UTU-53861 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

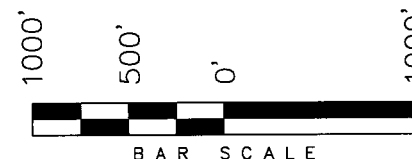
3/9/07

Date

  
Mandie Crozier  
Regulatory Specialist

**WELL LOCATION:**  
**WELL 10-34-6-21**  
ELEV. UNGRADED GROUND = 4753.3'

WELL LOCATION, WELL 10-34-6-21,  
LOCATED AS SHOWN IN LOT 16 (NW 1/4  
SE 1/4) OF SECTION 34, T6S, R21E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 140337  
STATE OF UTAH

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 02-22-07	SURVEYED BY: C.M.
DATE DRAWN: 02-26-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

N00°23'06"W

1319 15' (Meas.)

M. 90.36.001

1318 00' (Meds)

39.83

1955  
Brass Cap

39.56

S89°25'W G.L.O. (Basis of Bearings)  
2630.17' (Measured)

S89°25'W - 79.39 (G.L.O.)

S89°23'18"W - 2612.51'  
(Meas. to True Corner)

**T6S**

**T7S**

1953 Brass Cap  
(Witness Meander  
Corner)

— True  
Corner

— True M.C.  
Δ 2.55

N01°11'19"E - 2700.51'  
(Meas. to True Corner)

(Meas. to W.M.C.)

1953  
Brass Cap

WELL 10-34-6-21  
(Surface Location) NAD 83  
LATITUDE = 40° 15' 13.21"  
LONGITUDE = 109° 32' 22.77"

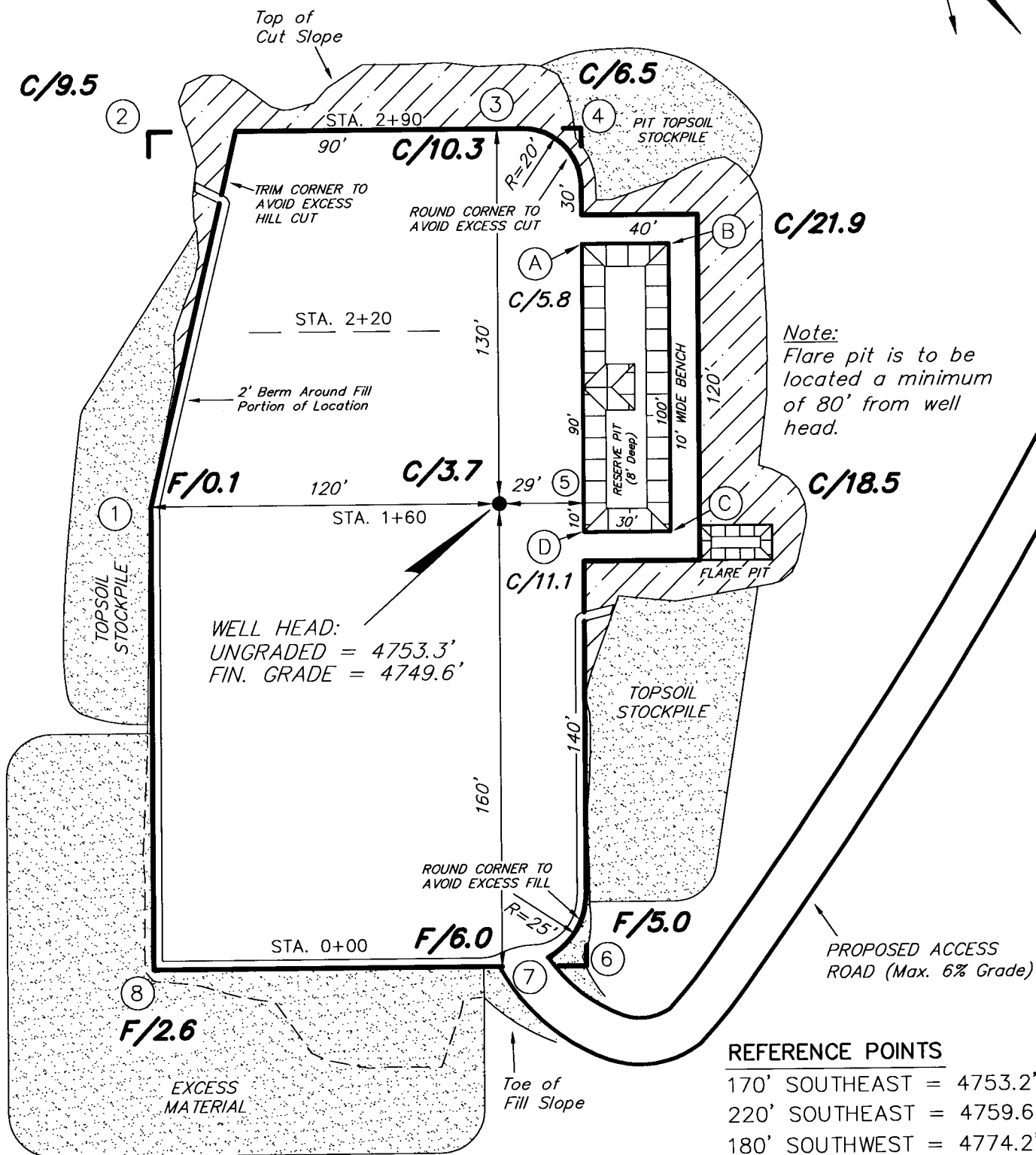
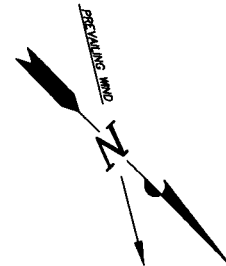
 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (VERNAL SE)

# NEWFIELD PRODUCTION COMPANY

WELL 10-34-6-21

Section 34, T6S, R21E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

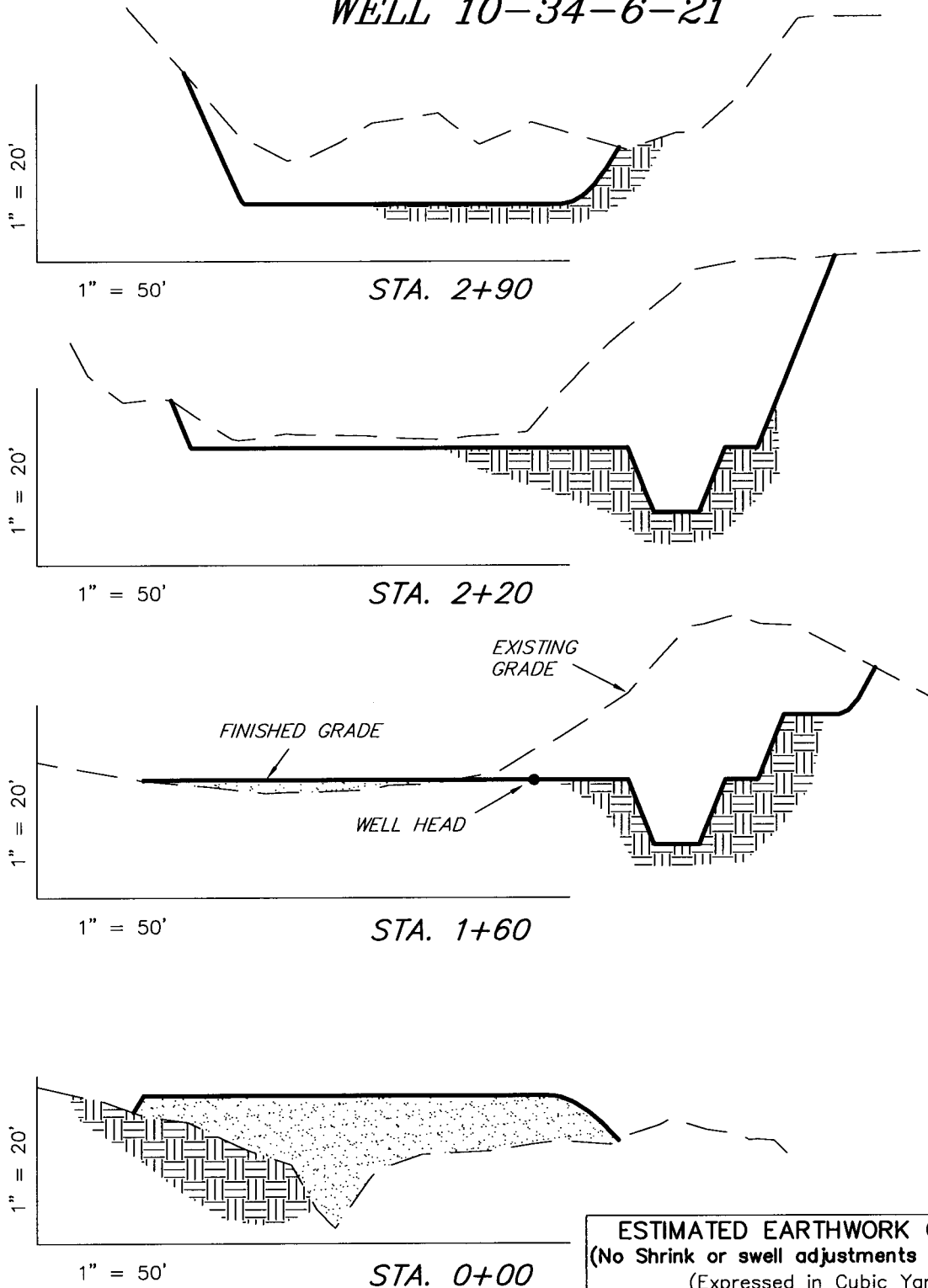
DRAWN BY: F.T.M.

DATE: 02-26-07

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS WELL 10-34-6-21



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,380	4,570	Topsoil is not included in Pad Cut	2,810
PIT	640	0		640
TOTALS	8,020	4,570	1,060	3,450

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

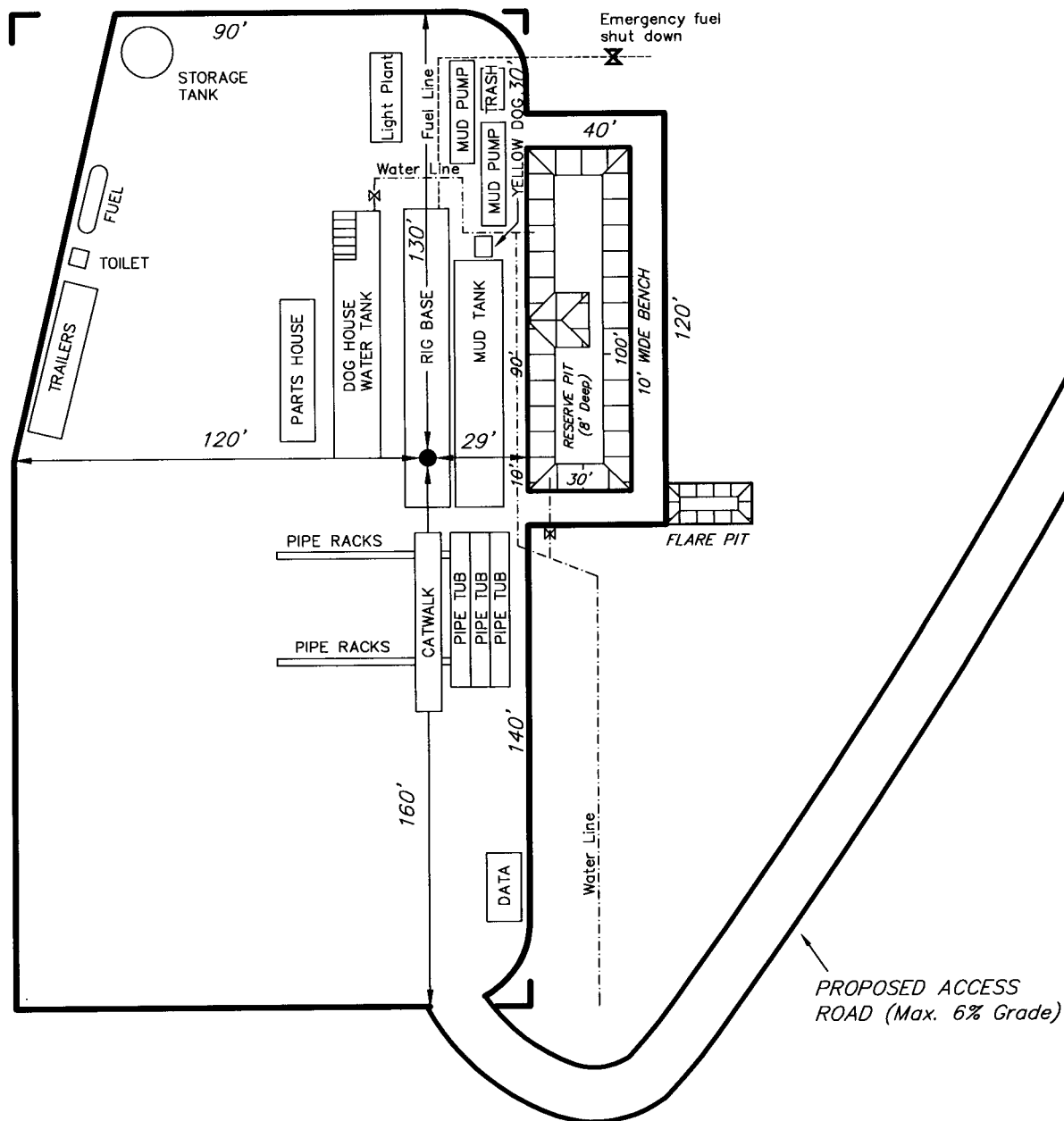
DATE: 02-26-07

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### WELL 10-34-6-21



SURVEYED BY: C.M.

SCALE: 1" = 50'

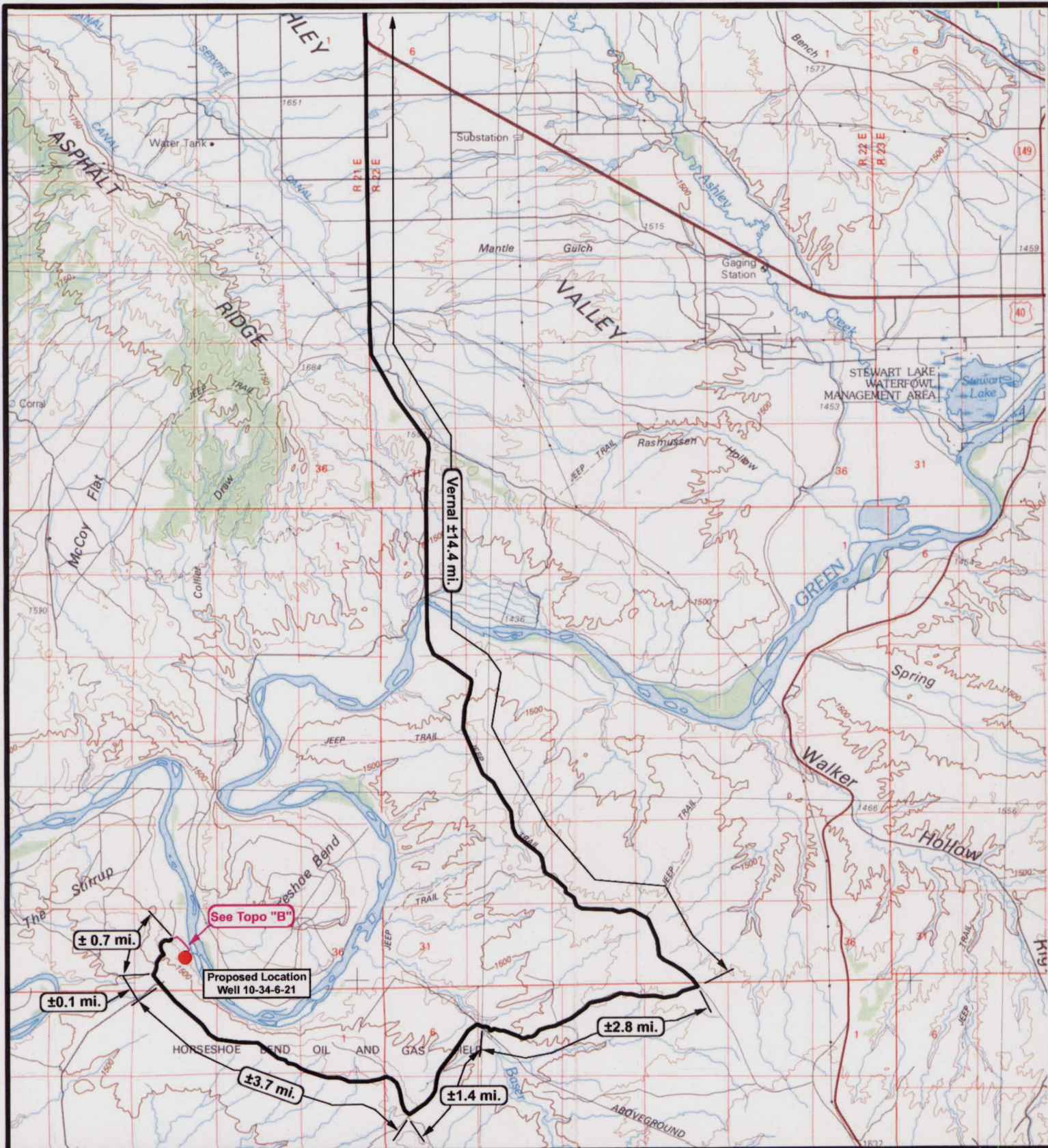
DRAWN BY: F.T.M.


DATE: 02-26-07

(435) 781-2501

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078








**NEWFIELD**  
Exploration Company

---

**Well 10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

---

SCALE: 1 = 100,000

DATE: 02-26-2007

**Legend**

— Existing Road

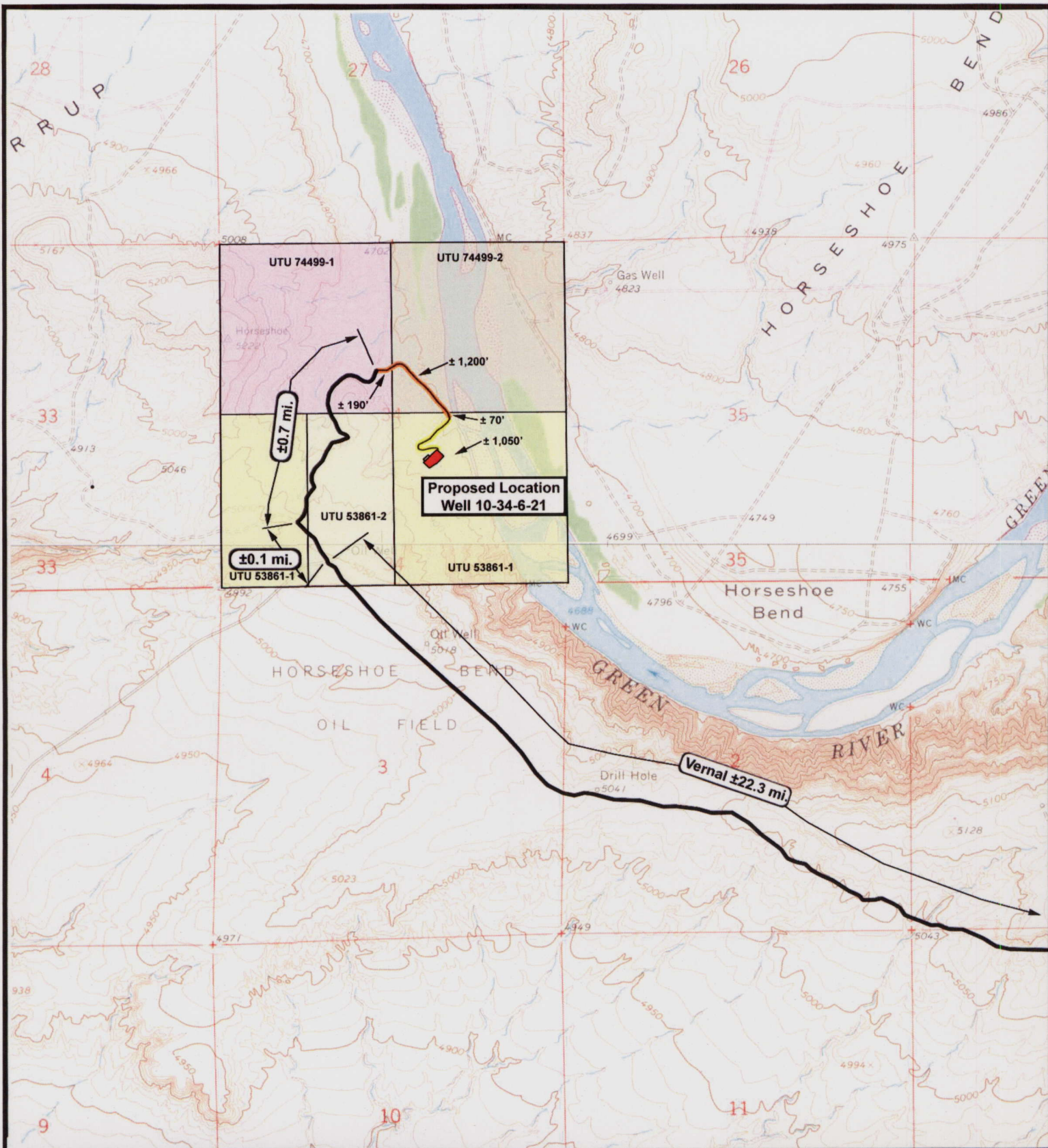
— Proposed Access


---

**TOPOGRAPHIC MAP**

**"A"**







**NEWFIELD**  
Exploration Company

**Well 10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**





**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 02-26-2007

**Legend**

Existing Road

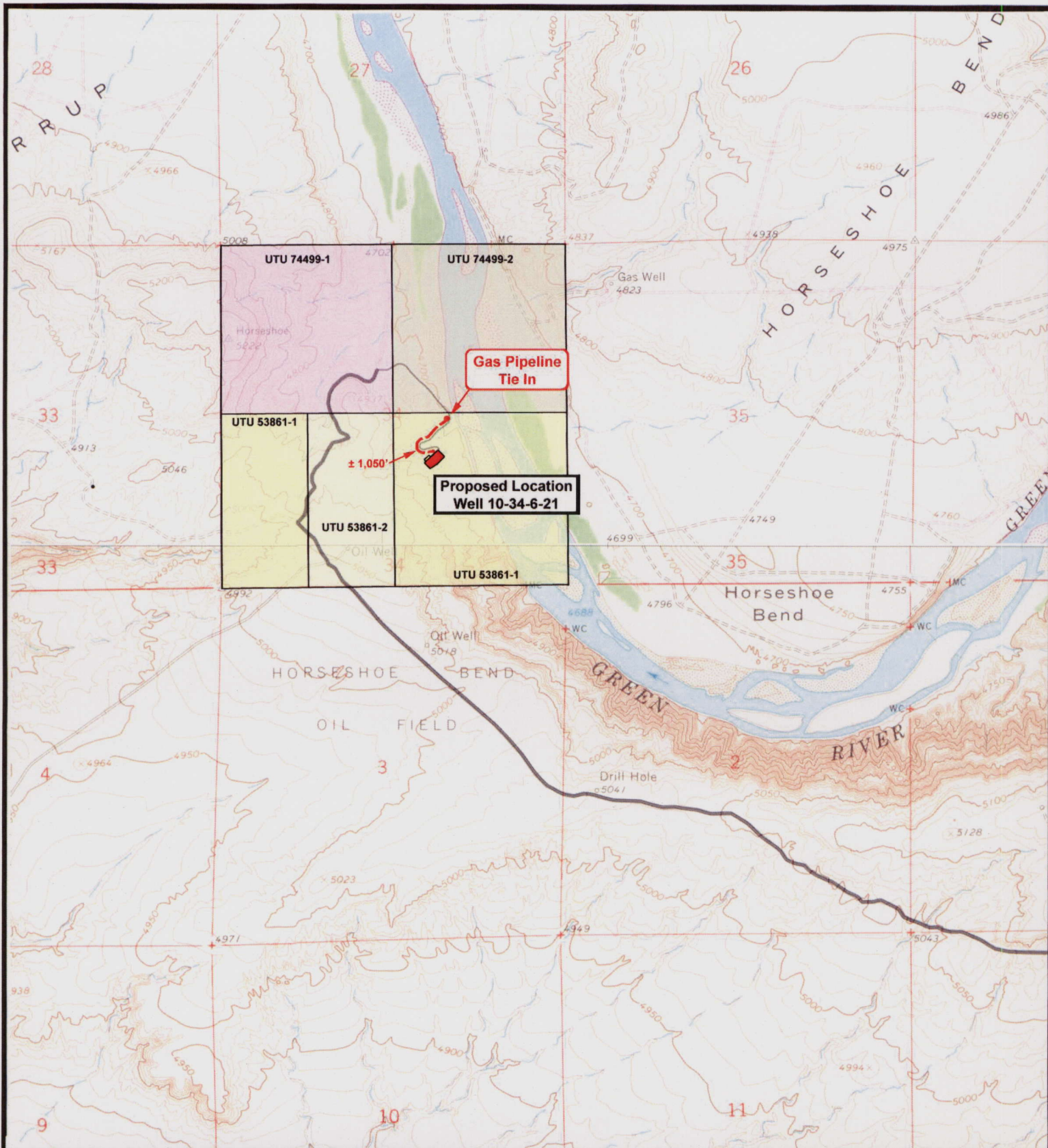
Proposed Access

Existing Two-Track

**TOPOGRAPHIC MAP**

**"B"**





**NEWFIELD**  
Exploration Company

**Well 10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 02-26-2007

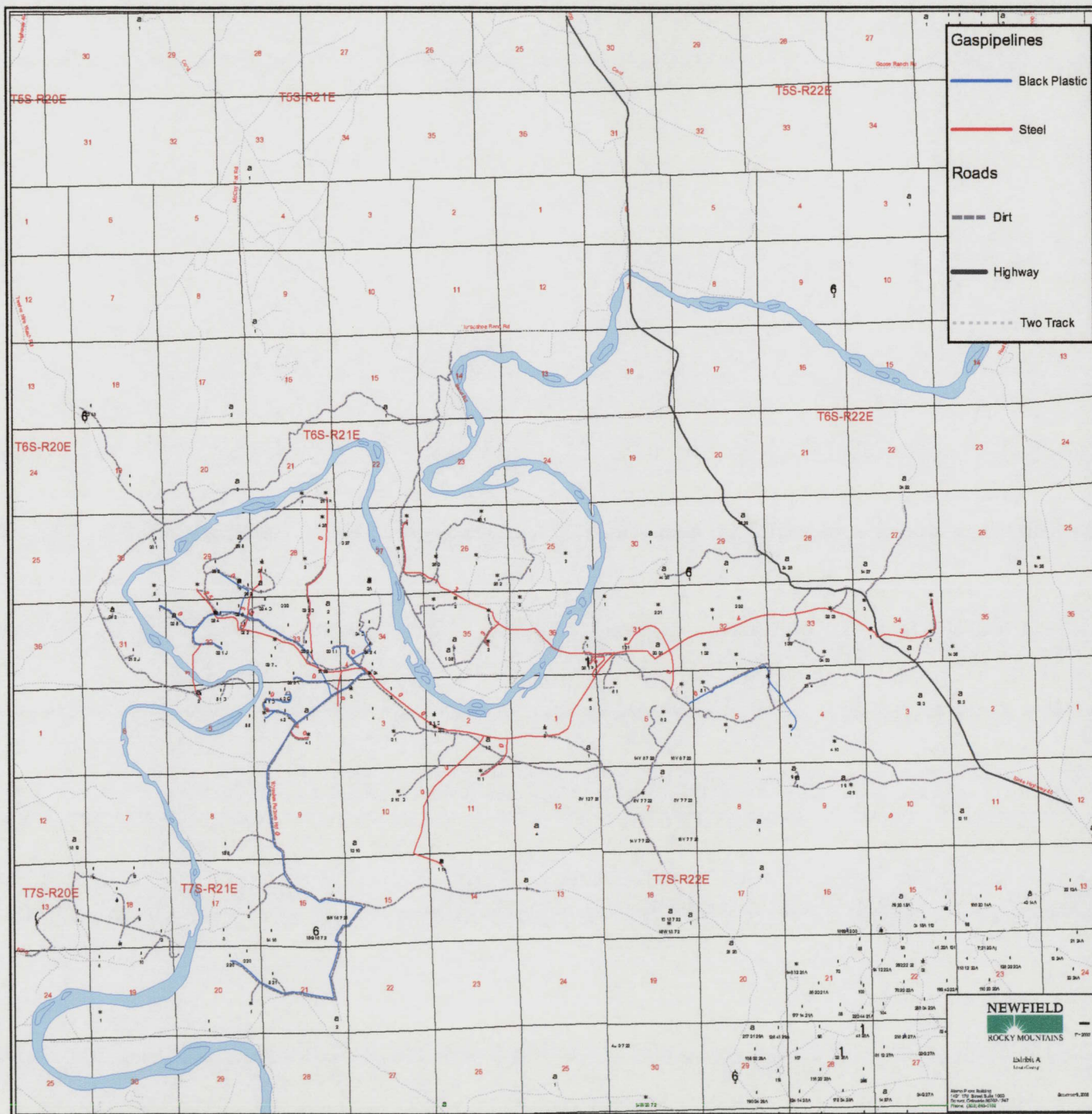
**Legend**

— Roads  
- - - Proposed Gas Line

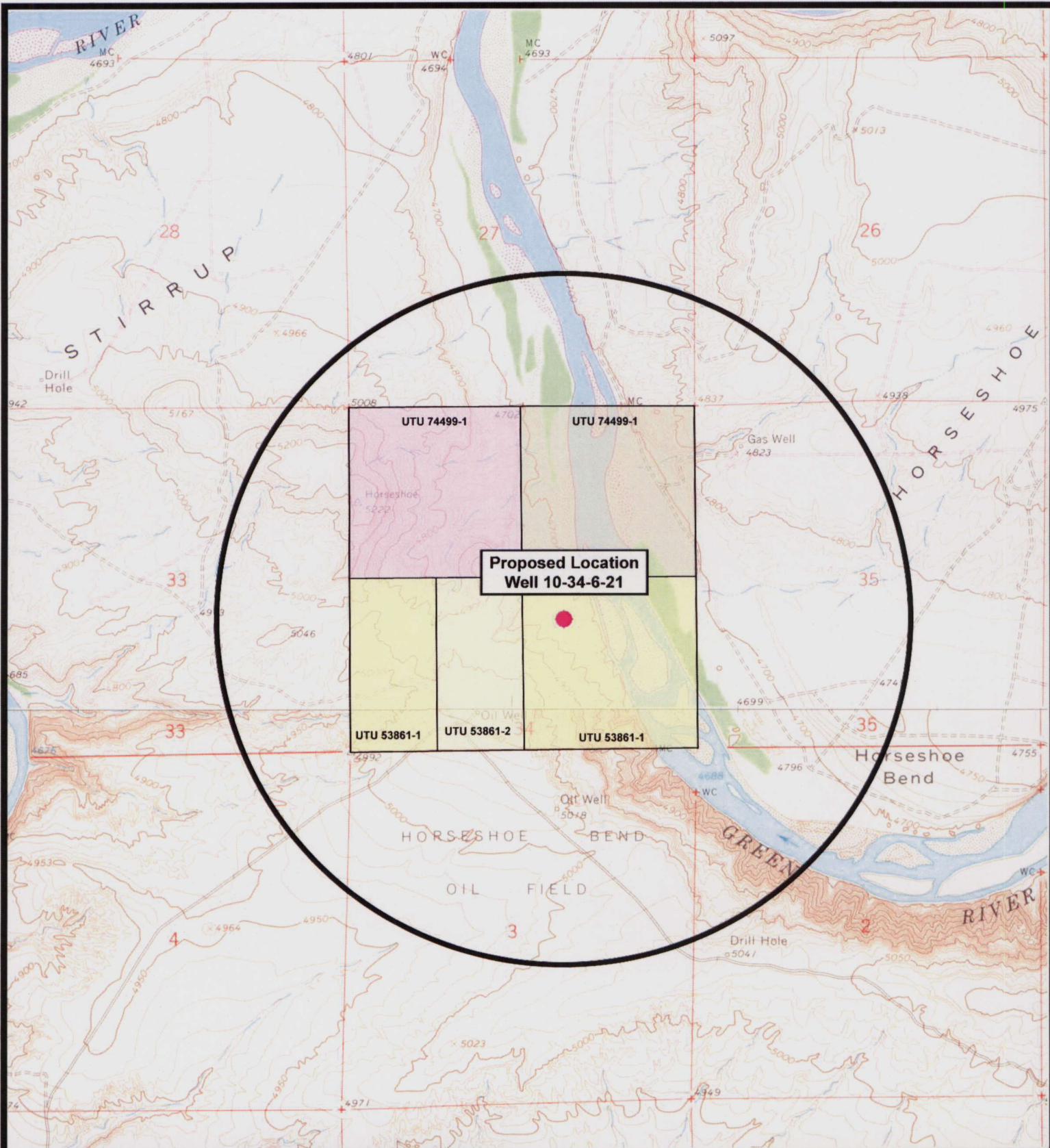
TOPOGRAPHIC MAP

**"C"**









**NEWFIELD**  
Exploration Company

**Well 10-34-6-21**  
**SEC. 34, T6S, R21E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE:** 1" = 2,000'  
**DRAWN BY:** mw  
**DATE:** 02-26-2007

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

3-M SYSTEM  
Blowout Prevention Equipment Systems

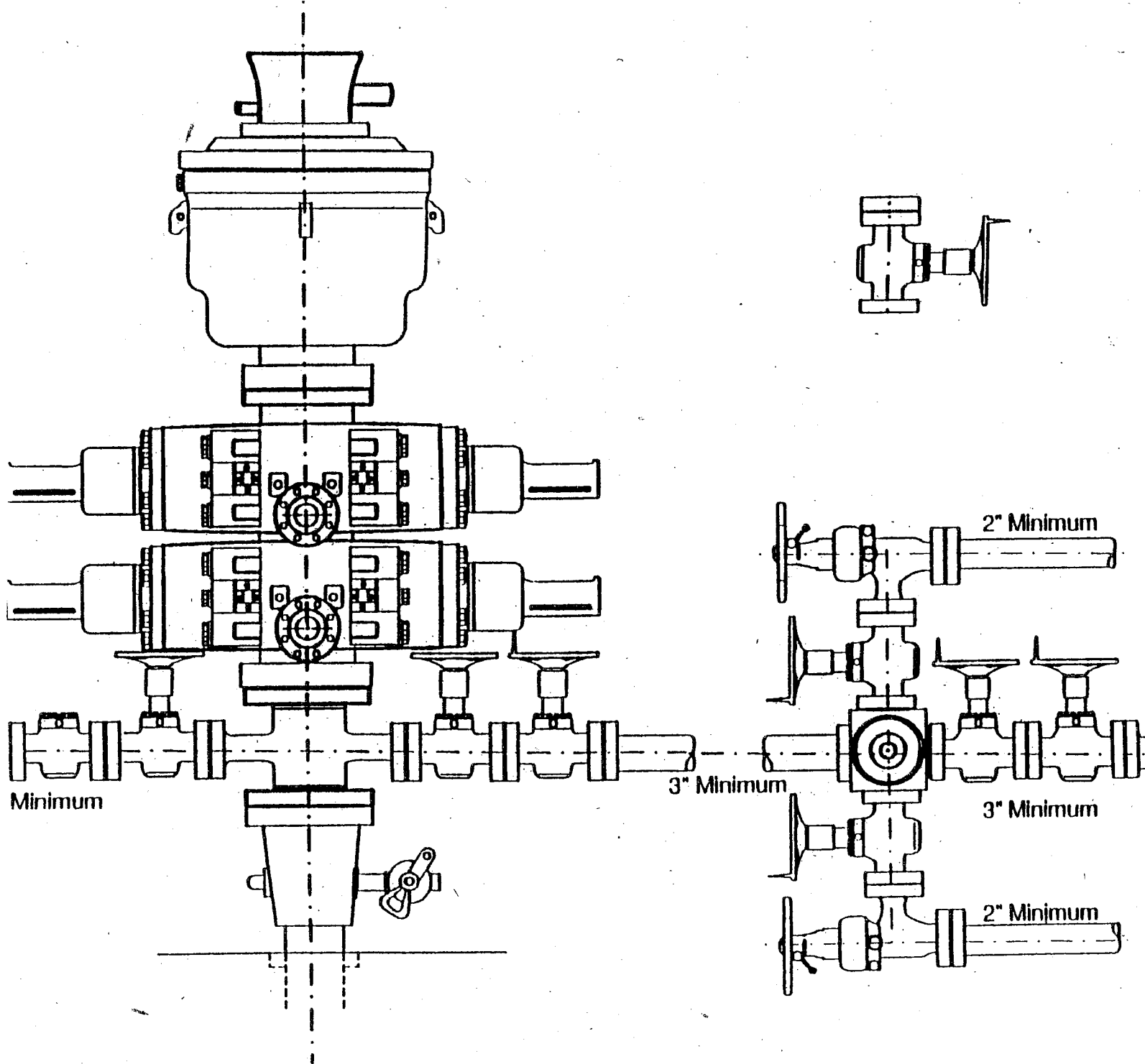


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S PROPOSED WELL  
LOCATIONS #3-21-6-21, #12-21-6-21 AND #10-34-6-21  
UINTAH COUNTY, UTAH

Exhibit "D"  
1 of 2

By:

Todd Seacat  
and  
Christopher Roberts

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Rt. 3 Box 3630  
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.  
P.O. Box 147  
Moab, Utah 84532

MOAC Report No. 06-382

August 19, 2006

United States Department of Interior (FLPMA)  
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-06-MQ-01170b,p

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS, UTAH  
AND DUCHESNE COUNTIES, UTAH**

(NE 1/4, NW 1/4, Section 21, and NW 1/4, SE 1/4, Section 34,  
T 6 S, R 21 E, Horseshoe Bend Area; NE 1/4 & SE 1/4, Section 19, T 8 S, R 17 E,  
NE 1/4 & NW 1/4, NE, and NE 1/4 & NW 1/4, NW 1/4, and SW 1/4, NW 1/4, and NW 1/4,  
SW 1/4, Section 20 T 8 S, R 17 E; NE 1/4, & NW 1/4, NE 1/4, and NE 1/4, & NW 1/4,  
NW 1/4, Section 21, T 8 S, R 17 E, Greater Boundary Unit)

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
July 24, 2006

# APPLICATION FOR TEMPORARY CHANGE OF WATER

## STATE OF UTAH

Rec. by \_\_\_\_\_

Fee Paid \$ \_\_\_\_\_

Receipt # \_\_\_\_\_

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: 221552

WATER RIGHT NUMBER: 43 - 9077

\*\*\*\*\*

This Change Application proposes to change the POINT(S) OF DIVERSION, PLACES OF USE, and NATURE OF USE.

\*\*\*\*\*

### 1. OWNERSHIP INFORMATION.

A. NAME: William E. Brown

INTEREST: 100%

ADDRESS: HC 69 Box 160, Randlett, UT 84063

B. PRIORITY OF CHANGE: September 19, 1997

FILING DATE: September 19, 1997

C. EVIDENCED BY:

43-9077 (A56977)

-----  
\* DESCRIPTION OF CURRENT WATER RIGHT: \*  
-----

### 2. SOURCE INFORMATION.

A. QUANTITY OF WATER: 0.015 cfs

B. SOURCE: Unnamed Spring Area

COUNTY: Uintah

C. POINT OF DIVERSION -- SURFACE:

(1) S 1320 feet W 1320 feet from NE corner, Section 32, T 68, R 10E, SLAM

DIVERT WORKS: Collection box

SOURCE: Unnamed Spring Area

### 3. WATER USE INFORMATION.

STOCKWATERING: from Jan 1 to Dec 31.

EQUIVALENT LIVESTOCK UNITS: 120.

\*\*\*\*\*

Temporary Change

2 of 2

**RECEIVED**  
DEC 17 1999  
WATER RIGHTS  
VERNAL

# FILING FOR WATER IN THE STATE OF UTAH

**RECEIVED**

Rec. by AC SA  
Fee Rec. 100-00-00-00  
Receipt # 00-00-00-00

JAN 07 2000

## APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1993, as amended)

WATER RIGHT NUMBER: 43 - 10991

APPLICATION NUMBER: F72519

### 1. OWNERSHIP INFORMATION:

LAND OWNERSHIP YES

A. NAME: Kenneth Joe Batty  
ADDRESS: 1600 North 1500 West, Vernal, UT 84078

B. PRIORITY DATE: December 17, 1999

FILING DATE: December 17, 1999

### 2. SOURCE INFORMATION:

A. QUANTITY OF WATER: 0.25 cfs

B. SOURCE: Under Ground WATER Well

COUNTY: Uintah

C. POINT OF DIVERSION -- UNDERGROUND:

(1) N 1160 feet W 500 feet from EX corner, Section 9, T 8N, R 20E, S10E

WELL DIAMETER: 12 inches

WELL DEPTH: 70 feet

COMMENT: Existing well drilled under Water Right 43-10447

D. COMMON DESCRIPTION: 3.5 miles north of Ouray

### 3. WATER USE INFORMATION:

OIL EXPLORATION: From Jan 1 to Dec 31 Oil and Gas drilling and production.

### 4. EXPLANATORY:

20 Year fixed time application

Place of Use: Pumped in to trucks and delivered for oil and gas drilling & production within the Uintah Basin

Appropriate



# Newfield Production Company Proposed Site Facility Diagram

Federal 10-34-6-21

NW/SE (Lot#16) Sec. 34, T6S, 21E

Uintah County, Utah

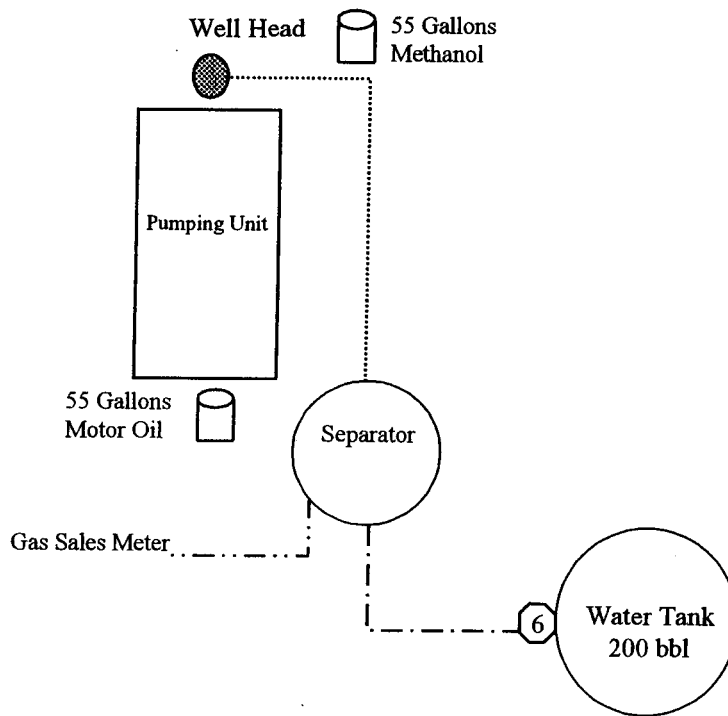
UTU-53861

## Legend

Emulsion Line .....

Water Line - - - - -

Gas Sales - - - - -



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-53861**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**FEDERAL 10-34-6-21**

9. API Well No.

**43-047-38480**

10. Field and Pool, or Exploratory Area

**HORSESHOE BEND**

11. County or Parish, State

**UINTAH COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1962 FSL 2030 FEL NW/SE Section 34, T6S R21E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Permit Extension**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/17/06 (expiration 8/17/07).

This APD has not been approved yet by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-14-07  
By: [Signature]

RECEIVED

AUG 14 2007

DIV OF OIL, GAS & MINING

8-15-07  
RM

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

8/10/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-38480  
**Well Name:** Federal 10-34-6-21  
**Location:** NW/SE Section 34, T6S R21E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 8/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

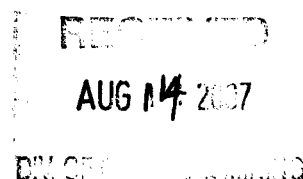
Mandi Crozier  
Signature

8/10/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-53861**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**FEDERAL 10-34-6-21**

9. API Well No.

**43-047-38480**

10. Field and Pool, or Exploratory Area

**HORSESHOE BEND**

11. County or Parish, State

**UINTAH COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1962 FSL 2030 FEL NW/SE Section 34, T6S R21E**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
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☐ Change of Plans  
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Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 8/17/06.

This APD has not yet been approved by the BLM.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-31-08

By: [Signature]

COPY SENT TO OPERATOR

Date: 8.4.2008

Initials: KS

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier  
Mandie Crozier

Title

Regulatory Specialist

Date

7/28/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUL 29 2008

DEPT OF OIL GAS & MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-38480  
**Well Name:** Federal 10-34-6-21  
**Location:** NW/SE Section 34,T6S R21E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 8/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

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Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

7/28/2008  
Date

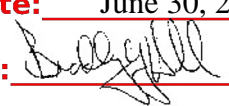
Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

JUL 29 2008

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-53861			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 10-34-6-21			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1962 FSL 2030 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 34 Township: 06.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047384800000			
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> HORSESHOE BEND			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 7/31/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION          OTHER:       </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield requests to extend the Permit to Drill this well for one year.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> June 30, 2009 <b>By:</b> 					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech  <b>DATE</b> 6/29/2009			



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047384800000

**API:** 43047384800000

**Well Name:** FEDERAL 10-34-6-21

**Location:** 1962 FSL 2030 FEL QTR NWSE SEC 34 TWNP 060S RNG 210E MER S

**Company Permit Issued to:** NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 8/17/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

**Date:** 6/29/2009

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** June 30, 2009

**By:**

**RECEIVED** June 29, 2009

LA  
7-13-2009



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Green River District-Vernal Field Office  
170 South 500 East  
Vernal, UT 84078  
(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/ut/st/en/fo/vernal.html>

IN REPLY REFER TO:  
3160  
UTG011

July 10, 2009

Mandie Crozier  
Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052

43 047 38480

Re: Request to Return APD  
Well No. Federal 10-34-6-21  
Lot 16, Sec.34, T6S, R21E  
Uintah County, Utah  
Lease No. UTU-53861

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above referenced well received on March 12, 2007, is being returned unapproved per your request in an email message to me dated July 10, 2009. The message stated that the Denver Office has decided to have the APD rescinded since it is probably never going to be approved. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

The right-of-way application for pipelines to this well is also being returned per a request to cancel the application that this office received from Jeff Henderson on November 3, 2008.

If you have any questions regarding APD processing, please contact me at (435) 781-4455.

Sincerely,

*Cindy Severson*

Cindy Severson  
Land Law Examiner

Enclosures

cc: UDOGM

RECEIVED

JUL 14 2009

DIV. OF OIL, GAS & MINING





JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 13, 2009

Mandie Crozier  
Newfield Production Co  
Route 3 Box 3630  
Myton, UT 84052

Re: APD Rescinded – Federal 10-34-6-21, Sec. 34 T.6S, R.21E  
Uintah County, Utah API No. 43-047-38480

Dear Ms. Crozier:

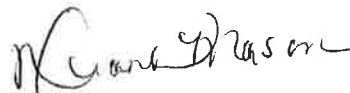
The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 17, 2006. On August 14, 2007, July 31, 2008 and on June 30, 2009 the Division granted a one-year APD extension. On July 13, 2009, you requested that the division rescind the state approved APD.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 13, 2009.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau Of Land Management, Vernal

